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DEPARTMENT OF PUBLIC WORKS

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DIVISION OF WATER RESOURCES

EDWARD HYATT, State Engineer

BULLETIN No. 21-C

REPORT

ON

I R R I G A T I O N D I S T R I C T S

IN

CALIFORNIA

For the Year 1931

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ORGANIZATION

WALTER E. GARRISON ..... Director of Public Works
EDWARD HYATT ..... State Engineer

A. N. BURCH ..... Irrigation District Investigations
RAY S. CARBERRY ..... Assistant

FOREWORD

This is the fourth of a series of publications issued by the State dealing with the history and activities of districts formed under the California irrigation district act. The earlier reports are presented in Bulletins 2 (1916) and 21 (1929) of the State Department of Engineering and Irrigation, and Bulletins 21-A (1930) and 21-B (1931) of the Division of Water Resources. Bulletin 2 is out of print, but a limited number of the 21 series is available for distribution. The present bulletin is presented for the purpose of bringing up to January 1st, 1932, historical and statistical data on California irrigation districts and briefly recording such other information as was obtained on irrigation district activities in 1931. The information from which this report is compiled was obtained from the irrigation districts and has been carefully checked and analyzed, and while it is believed to be substantially correct, there may be minor inaccuracies in individual cases. It is desired to express the appreciation of this office for the assistance of district officials in the work of gathering this information.

CHAPTER I

INTRODUCTION

The 1931 Irrigation Season

An exceedingly light rainfall during the winter and spring months resulted in a deficiency in soil moisture for dry-farmed crops, and an equally light snow pack in the mountains yielded only around one-third of the average stream flow for the irrigation of valley lands. There were no unseasonable frosts and most crops matured considerably earlier than usual, but the yield of mid-summer crops was materially reduced by a short period of excessively high temperatures.

Farm Operations

Farm operations in 1931, with a few exceptions in specialized products, were conducted at a loss. Coupled with some loss of crops on account of shortage of water for irrigation were low prices and curtailed markets. As in 1930 large quantities of many fruits were left unharvested and were a total loss. As shown by the Federal-State crop reports farmers in 1931 received about 50% of the price obtained for crops in 1929. The farm value of California fruits was only 61% of that of 1929, and that of field crops about 45%. Meat and dairy products suffered a corresponding decrease for the period. During the same period the prices for commodities purchased by the farmer decreased only about 15%, and the interest and taxes he was compelled to pay decreased not at all.

Irrigation District Finances

The principal amount of funds for the operation and maintenance of irrigation districts and for the repayment of their capital costs are obtained from the assessment of lands, and anything that adversely affects the value of farm products is necessarily reflected in the collection of such assessments. While in 1931 the land owners in many districts were able to meet their assessments to the extent that delinquencies were small, in many others the delinquencies were high, ranging from 15% to as high as 35%. The result was that out of a total of 65 districts which always heretofore had been able to meet their bond obligations seven were forced to default on all or a part of such obligations as accrued that year. The total amount due on bond principal for the year ending January 1, 1932, was $2,266,751, of which $322,150, or about 14%, was unpaid. The total bond interest due for the same period was $5,520,123, of which $1,557,761, or 28%, was unpaid. The number of districts having outstanding bonds is 86, with total outstanding issues of $95,082,990; less than 7% of all bonds which have matured remain unpaid. Our report for 1930 lists twenty-one districts in default, involving unpaid bond interest and principal in the amount of $2,537,917. As of January 1, 1932, twenty-eight districts were in default, increasing the unpaid obligations to $4,000,981. Three of the districts listed have adopted refunding plans which appear to be in a fair way to success and will remove them from the default list. Two districts in the process of refunding and not listed in the default column were in technical default on January 1, 1932.

During the year five districts voted refunding bonds and initiated negotiations with bond holders for the exchange of bonds. Two districts in which small issues were involved effected such exchange. If present conditions are to continue, other districts which have large bond issues and which have heretofore been able promptly to meet their obligations may be compelled to refinance on a basis more in keeping with the prospective ability of the land owners to pay. There are a few districts in default, through causes other than unfavorable farming and marketing conditions and in which the land owners already have suffered heavy losses, that can hardly be expected to be refinanced except at a loss to their bond holders. However, on the whole, California irrigation districts have a remarkably good record for the payment of their bond obligations. From the first issues of the present series of bonds to January 1, 1932, interest coupons in the total amount of $65,757,000 have become due, and of this total $62,594,000 have been paid, leaving a delinquency of less than five per cent. The districts have also paid $11,617,700 of the $12,455,000 bond principal payments due to January 1, 1932.

California Districts Securities Commission

The California Districts Securities Commission, created under the act of June 19, 1931, to succeed the similar commission created by the 1913 legislature, was organized on August 19th with the following membership: U. S. Webb, Attorney General; Edward Rainey, Superintendent of Banks; Edward Hyatt, State Engineer; H. E. Vogel, Director of Fresno irrigation district; and M. J. Dowd,

Chief Engineer of Imperial irrigation district. Offices were established at 620 State Building, San Francisco, and Harmon S. Bonte appointed Executive Secretary. Since organization regular monthly meetings of the Commission have been held and much time given to consideration of district affairs. Paramount among matters considered have been plans for refinancing certain districts which are in financial difficulties.

Irrigation Districts Association

The 1931 spring meeting of the Association was held in Sacramento, February 27th and 28th. All of the time of the meeting was taken up in the consideration and discussion of over forty bills which were before the State legislature. Most of the proposed legislation either directly or indirectly affected irrigation districts and much of it was sponsored by the officers of the association.

The fall meeting was held in Marysville, November 13th and 14th. The principal subjects discussed were, procedure under the new legislation passed by the 1931 legislature. the federal refinancing bill and the State water plan. Local problems presented by some of the districts were given consideration.

Name of District	Office Address
Alpaugh	gh
Alta	a
Anderson-Cottonwood	son
Banta-Carbona	
Bard	Corner, Yuma, Arizona
Baxter Creek	ville
Beaumont	ont
Big Springs	gue
Browns Valley	s Valley
Butte Valley	el
Byron-Bethany	
Camp Far West	land
Carmichael	Box 12, Carmichael
Carpenter	S, Box 249, Orange
Citrus Heights	D. 1, Box 77, Roseville
Compton-Delevan	ontgomery Street, San Francisco
Consolidated	Tucker Avenue, Selma
Corcoran	ran
Cordua	ville
Deer Creek	c/o C. Dicus
East Contra Costa	wood
El Camino	r
El Dorado	98, Placerville
El Nido	do
Empire West Side	ford
Fairoaks	aks
Fallbrook	rook
Foothill	e Cove
Fresno	9 Griffith-MacKenzie Bldg., Fresno
Glenn-Colusa	ws
Grenada	3, Grenada
Hemet	
Hot Spring Valley	as
Imperial	ntro
Island No. 3	, Laton
Jacinto	
James	oaquin
La Canada	7, La Canada
Ladera	ore
Laguna	, Box 197, Laton
Lakeland	ran
Lakeside	ide
La Mesa, Lemon Grove, and Spring Valley	Box 82, La Mesa
Lamoore	re
Linden	alifornia Bldg., Stockton
Lindsay-Strathmore	ay
Littlerock Creek	rock
Lucerne	rd
Madera	a
Maxwell	10th Street, Sacramento

Name of District	County	Estimated Population			District Officials			Office Address
		Inside cities and towns	Outside cities and towns	Total	President	Secretary	Manager or Engineer	
Alpaugh	Tulare		150	150	H. E. Sawyer	Mary B. B. Wallance	Paul Caldwell	Alpaugh
Alta	Tulare, Fresno, Kings	5,000	6,000	11,000	A. T. Crowther	E. Sibley	E. Sibley	Dinuba
Anderson-Cottonwood	Shasta, Tehama	1,200	800	2,000	Lewis Arnett	Carl F. Eaton	Clyde Smith	Anderson
Banta-Carbona	San Joaquin		750	750	F. D. Ryner	Elvira Hondaa	J. B. Knight	Tracy
Bard	Imperial		1,000	1,000	S. M. Colby	W. C. Ross		Rose Corner, Yuma, Arizona
Baxter Creek	Lassen		225	225		Harry Riddell		Susanville
Beaumont	Riverside	2,000	500	2,500	E. D. Norcorss	E. D. Stahl	A. F. McGee	Beaumont
Big Springs	Siskiyou		115	115	K. Gemmett	Roy E. Swigart	C. M. Maddox	Montague
Browns Valley	Yuba		400	400	L. B. Gurney	F. E. Snell	L. B. Gurney	Browns Valley
Butte Valley	Siskiyou	250	650	900	H. L. Nelson	M. A. Gilmer	M. A. Gilmer	MacDoel
Byron-Bethany	Contra Costa, S.J., Alameda	300	300	600	W. J. Livingston	C. A. Howard	V. L. Woolley	Byron
Camp Far West	Placer, Yuba		100	100	R. H. Durst	Robert Anderson	M. C. Polk	Wheatland
Carmichael	Sacramento		750	750	E. M. Lynch	Roy W. Sullivan	L. Williamson	P. O. Box 12, Carmichael
Carpenter	Orange	900	150	1,050	L. W. Evans	D. S. Smiley	A. Kempkey	R. R. #5, Box 249, Orange
Citrus Heights	Sacramento, Placer		800	800	J. A. Gray	Floyd J. Locher	J. H. Peugh	R. F. D. 1, Box 77, Roseville
Compton-Delevan	Colusa		50	50	W. M. Lovelace	C. E. Ryan		550 Montgomery Street, San Francisco
Consolidated	Fresno, Tulare, Kings		21,000	21,000	W. H. Shafer	A. R. Stedman	I. H. Teilman	1728 Tucker Avenue, Selma
Corcoran	Kings		1,500	1,500	J. M. Hansen	D. I. Brown	F. C. Wollett	Corcoran
Cordua	Yuba		40	40	Thos. Mathews	Jeannette Frank		Marysville
Deer Creek	Tehama		65	65	Charles Dicus	Mabel Hall		Vina, c/o C. Dicus
East Contra Costa	Contra Costa	500	700	1,200	Robt. Wallace	Margaret Wallace	G. H. Jones	Brentwood
El Camino	Tehama		600	600	John Koth, Jr.	Roy Pyle	Roy Pyle	Gerber
El Dorado	El Dorado	2,500	1,200	3,700	W. S. Rantz	F. N. Hosking	F. N. Hosking	Box 398, Placerville
El Nido	Merced		300	300	D. Pedrelli	A. L. Cowell	C. E. Graham	El Nido
Empire West Side	Kings		45	45	J. R. Newton	E. B. Hoey	A. J. Nielsen	Stratford
Fairoaks	Sacramento		1,600	1,600	E. C. Phoenix	Guy L. Camden	E. E. Fulton	Fairoaks
Fallbrook	San Diego	100	800	900	Victor B. Westfall	C. C. Cook		Fallbrook
Foothill	Fresno and Tulare	500	800	1,300	H.J. MacKenzie	Geo. P. Pettengill		Orange Cove
Fresno	Fresno		50,000	50,000	A. B. Tarpey	J. Allan Hall	Geo. L. Swendsen	1001-9 Griffith-MacKenzie Bldg., Fresno
Glenn-Colusa	Glenn, Colusa		1,500	1,500	S. S. Havenor	H. R. Allard	R. S. Edwards	Willows
Granada	Siskiyou	81	102	183	W. E. Wanaka	Stuart Taylor		Box 53, Granada
Hemet	Riverside		1,700	1,700	C. T. Webster	E. O. Eggen		Hemet
Hot Spring Valley	Modoc		300	300	S. B. Kelley	A. K. Wyle		Alturas
Imperial	Imperial	30,427	30,476	60,903	J. L. Dubois	F. H. McIver	M. J. Dowd	El Centro
Ireland No. 3	Kings		300	300	J. B. Roberts	Mrs. A. J. Scott		Rt. 1, Laton
Jacinto	Glenn		325	325	W. W. Koehler	Rosco Caldwell	Rosco Caldwell	Glenn
James	Fresno		150	150	Peter Rusconi	N. D. Ingham	N. D. Ingham	San Joaquin
La Canada	Los Angeles		900	900	Dan W. Green	F. E. Slutman	W. M. Carpenter	Box 37, La Canada
Ladera	Riverside		250	250	O. S. Smith	E. C. Collatz		Eleinore
Laguna	Fresno, Kings		3,000	3,000	L. L. Garner	Bessie L. Scott	A. J. Nielsen	Rt. 1, Box 197, Laton
Lakeland	Kings		10	10	Forrest Riley	H. S. Hurlbut	H. F. Libby	Corcoran
Lakeside	San Diego	205		205	O. F. Riner	H. P. Schiller	H.P. Schiller	Lakeside
La Mesa, Lemon Grove, and Spring Valley	San Diego	5,000	5,000	10,000	F. R. Beatty	Ruth C. Drew	C. Harritt	P. O. Box 82, La Mesa
Lemoore	Kings		1,500	1,500	W. S. Winger	H. E. Odale		Lemoore
Linden	San Joaquin	50	400	450	Ralph C. Houston	A. L. Cowell	Fred H. Tibbetts	912 California Bldg., Stockton
Lindsay-Strathmore	Tulare	40	1,460	1,500	Ernest L. Daniels	H. R. Huebert	Geo. W. Traeger	Lindsay
Littlerock Creek	Los Angeles		200	200	Vernon A. Carr	W. J. Kling		Littlerock
Lucerne	Kings		1,200	1,200	W. L. Haag	S. E. Railsback		Hanford
Madera	Madera	5,765	6,770	12,535	T. S. Coffee	Harry Barnes	Harry Barnes	Madera
Marvell	Colusa		80	80	C. E. Schoff	Thos. J. Hateley	G. E. Mallon	1710 10th Street, Sacramento

Name of District	Office Address
Merced	r L-1, Merced
Modesto	o
Mojave River	10th Street, Upland
Montague	gue
Naglee-Burk	s Bldg., Tracy
Nevada	Valley
Newport Heights	Mesa
Newport Mesa	50, Costa Mesa
Oakdale	le
Oroville-Wyandotte	56, Oroville
Owens Valley	p
Palmdale	ale
Palo Verde	p
Paradise	ise
Potter Valley	Hofman Building, Ukiah
Princeton-Codora-Glenn	ston
Provident	ws
Ramona	Box 34, Ramona
Red Rock Creek	ville
Richvale	ale
Riverdale	dale
Round Valley	p
San Dieguito	itas
Santa Fe	o Santa Fe
San Ysidro	sidro
Scott Valley	Jones
Serrano	l, Box 168, Orange
South Montebello	Spruce Street, S. Pasadena
South San Joaquin	ca
Stinson	
Table Mountain	lle
Terra Bella	Bella
Thermalito	lle
Tracy-Clover	ts Bldg., Tracy
Tranquillity	uillity
Tulare	Box 477, Tulare
Tule	ville
Turlock	ck
Vandalia	026, Porterville
Vista	
Walnut	. Box 670, Rivera
Waterford	ford
West Side	07, Tracy
West Stanislaus	ey
Woodbridge	ridge
Totals	
Buena Vista Water Storage	nwillow
Tulare Lake Basin Water Storage	rd
Totals	

Name of District	County	Estimated Population			District Officials			Office Address
		Inside cities and towns	Outside cities and towns	Total	President	Secretary	Manager or Engineer	
Merced	Merced	11,500	10,000	21,500	D. K. Barnell	H. P. Sargent	L. W. Heese	Drawer L-1, Merced
Modesto	Stanislaus	18,000	7,000	25,000	J. B. Fiscalini	C. S. Abbott	F. J. Van Winkle	Modesto
Mojave River	San Bernardino		100	100	T. J. Thomas	J. S. Nation	W. E. Fuesing	518 E. 10th Street, Upland
Montague	Siskiyou	500	150	650	G. W. Dwinnell	Roy E. Swigart		Montague
Naglee-Burk	San Joaquin		200	200	V. J. Reeve	George Wadsworth		Roberts Bldg., Tracy
Nevada	Nevada, Placer		5,000	5,000	J. A. Teagerden	Mrs. B. W. Baldwin	Wm. Durbrow	Grass Valley
Newport Heights	Orange	400	1,150	1,550	Geo. A. Waterman	C. R. Van Duyn		Costa Mesa
Newport Mesa	Orange		350	350	Chas. W. TeWinkle	D. J. Dodge		Box 350, Costa Mesa
Oakdale	Stanislaus, San Joaquin	3,800	3,000	6,800	H. B. McMath	M. P. Kearney	R. E. Hartley	Oakdale
Oroville-Wyandotte	Butte	400	600	1,000	Carelton Gray	W. J. Monro	R. C. Tyler	Box 256, Oroville
Owens Valley	Inyo	1,500	1,000	2,500	B. E. Johnson	Dell Vandall	W. R. McCarthy	Bishop
Palmdale	Los Angeles	550	165	715	F. J. Idler	Mrs. Dorris Hussy	H. P. Schoeller	Palmdale
Palo Verde	Riverside	1,000	2,500	3,500	Tony Sealey	W. G. Schollenbarger	C. P. Mahoney	Blythe
Paradise	Butte	200	1,000	1,200	A. W. Patton	J. E. Alley	J. E. Alley	Paradise
Potter Valley	Mendocino	100	450	550	J. E. March	Fred L. Bosworth		23-24 Hofman Building, Ukiah
Princeton-Codora-Glenn	Colusa, Glenn		1,000	1,000	V. D. Sharer	W. G. Poage	S. P. Pitt	Princeton
Provident	Glenn, Colusa		100	100	A. E. Moutrey	L. M. Benoit	T. E. Balch	Willows
Ramona	San Diego	900		900	Ralph Jasper	Mildred Wilson	J. C. Bargar	P. O. Box 34, Ramona
Red Rock Creek	Lassen				John K. Enebac			Susanville
Richvale	Butte	122	100	222	J. E. Baker	Mrs. Grace Strong	Alvin Harry	Richvale
Riverdale	Fresno		1,200	1,200	L. P. Adams	Tina Z. Cushman		Riverdale
Round Valley	Inyo, Mono				W. A. Roberts	Caroline Arcularius		Bishop
San Dieguito	San Diego	1,200	1,000	2,200	Chas. H. Webster	G. E. Thrailkill	W. C. Brown	Encinitas
Santa Fe	San Diego	560	240	800	Ira E. Conner	W. O. Boettiger	W. O. Boettiger	Rancho Santa Fe
San Ysidro	San Diego	1,500		1,500	Pullan Foster	L. Judd	G. P. Hart	San Ysidro
Scott Valley	Siskiyou		120	120	C. F. Bryan	H. G. Reynolds		Fort Jones
Serrano	Orange		300	300	Willard Smith	F. H. Collins	A. Kempkey	R.F.D.1, Box 168, Orange
South Montebello	Los Angeles	850		850	J. H. Dutcher	Mrs. Sarah F. Backer	W. S. Duncan	1210 Spruce Street, S. Pasadena
South San Joaquin	San Joaquin	3,500	7,500	11,000	R. H. Grovas	S. L. Steele	George K. Parker	Manteca
Stinson	Fresno		200	200	A. G. Mittelstead	R. M. Boetwick	W. F. Bryant	Helm
Table Mountain	Butte		7	7	R. W. Campbell	R. M. Gray	R. M. Gray	Oroville
Terra Bella	Tulare	200	500	700	R. C. Gunnison	E. H. Robinson	I. H. Althouse	Terra Bella
Thermalito	Butte		1,400	1,400	M. Hodgson	Raymond A. Leonard	W. B. Taylor	Oroville
Tracy-Clover	San Joaquin		150	150	R. R. Mehring	George Wadsworth		Roberts Bldg., Tracy
Tranquillity	Fresno	200	300	500	J. A. Benkert	J. E. Tuttle	H. M. Crooker	Tranquillity
Tulare	Tulare	600	2,400	3,000	A. J. Damron	Glenn L. Moran	C. H. Slaughter	P. O. Box 477, Tulare
Tule	Lassen	20	100	120				Susanville
Turlock	Stanislaus and Merced	6,000	14,000	20,000	J. R. Chance	Mrs. Anna Sorensen	R. V. Meikle	Turlock
Vandalia	Tulare		150	150	Walter D. Emory	H. C. Pegram	I. H. Althouse	Box 1026, Porterville
Vista	San Diego	800	1,571	2,371	Geo. L. Gunn	W. O. Biesinger	Chas. N. Bell	Vista
Walnut	Los Angeles		250	250	L. R. Paxton	Laura M. Paxton		R.F.D. Box 670, Rivera
Waterford	Stanislaus	280	856	1,136	E. Whitney	C. W. Quinley	W. Lahmkuhl	Waterford
West Side	San Joaquin		1,400	1,400	Samuel A. Shearer	Wylsey R. Hansen		Box 607, Tracy
West Stanislaus	Stanislaus, Merced	50	350	400	W. W. Cox	Elbridge Smith	W. F. Woolley	Westley
Woodbridge	San Joaquin		200	200	W. J. Robinson, Jr.	Olla L. Strother	Frank Davis	Woodbridge
Totals		109,550	215,012	324,562				
Buena Vista Water Storage	Kern	110	400	510	J. LeRoy Nickel, Jr.	J. E. Wooley	M. N. Krag	Buttonwillow
Tulare Lake Basin Water Storage	Kings		25	25	Harry Lee Martin	Dan Hadsell	Ray May	Hanford
Totals		109,660	215,437	325,097				

CHAPTER II

DISTRICT ORGANIZATIONS

Irrigation Districts

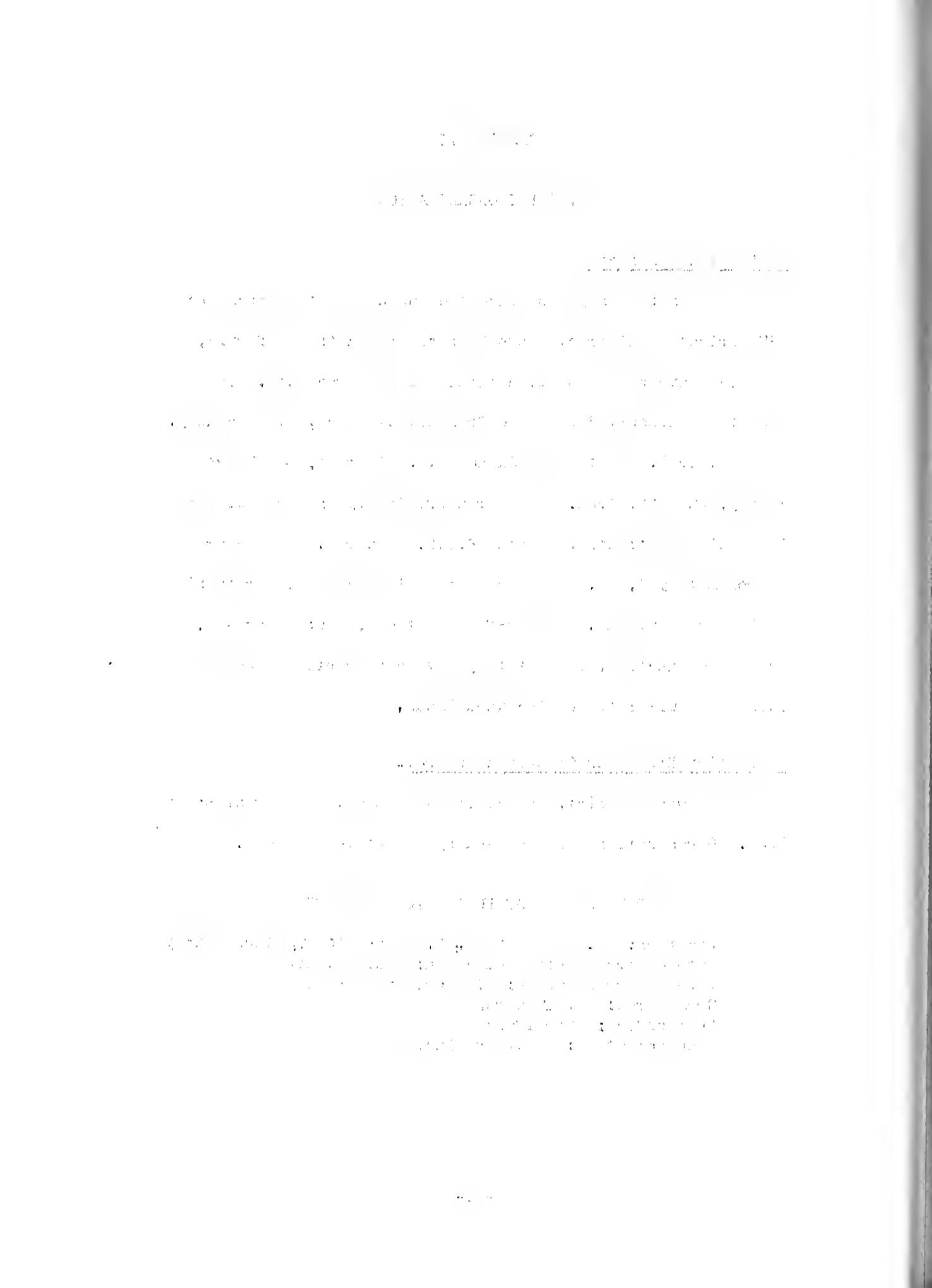
In the 45 years since the passage of the Wright Act 167 irrigation districts have been organized in California, 50 of which have been dissolved through legal procedure. The last to be dissolved were the Crescent district, Kings county, March 9, 1931, and the Tia Juana River district, San Diego county, June 22, 1931. The area originally included within irrigation districts was about 6,112,000 acres. There are approximately 4,000,000 acres in the districts still retaining their organizations. Twenty-five of these, containing 485,000 acres are inactive, in that they have constructed no works and furnish no water to the included lands.

Irrigation Districts Organized in 1931.

One district, the Empire West Side, was organized in 1931. Organization was approved by the State Engineer.

EMPIRE WEST SIDE IRRIGATION DISTRICT

Location: T. 19 and 20 S., R. 19 and 20 E., Kings County
Date of organization election: July 2, 1931
Vote on organization: 14 for, none against
Gross area: 7010 acres
Post office: Stratford
Transportation: Southern Pacific

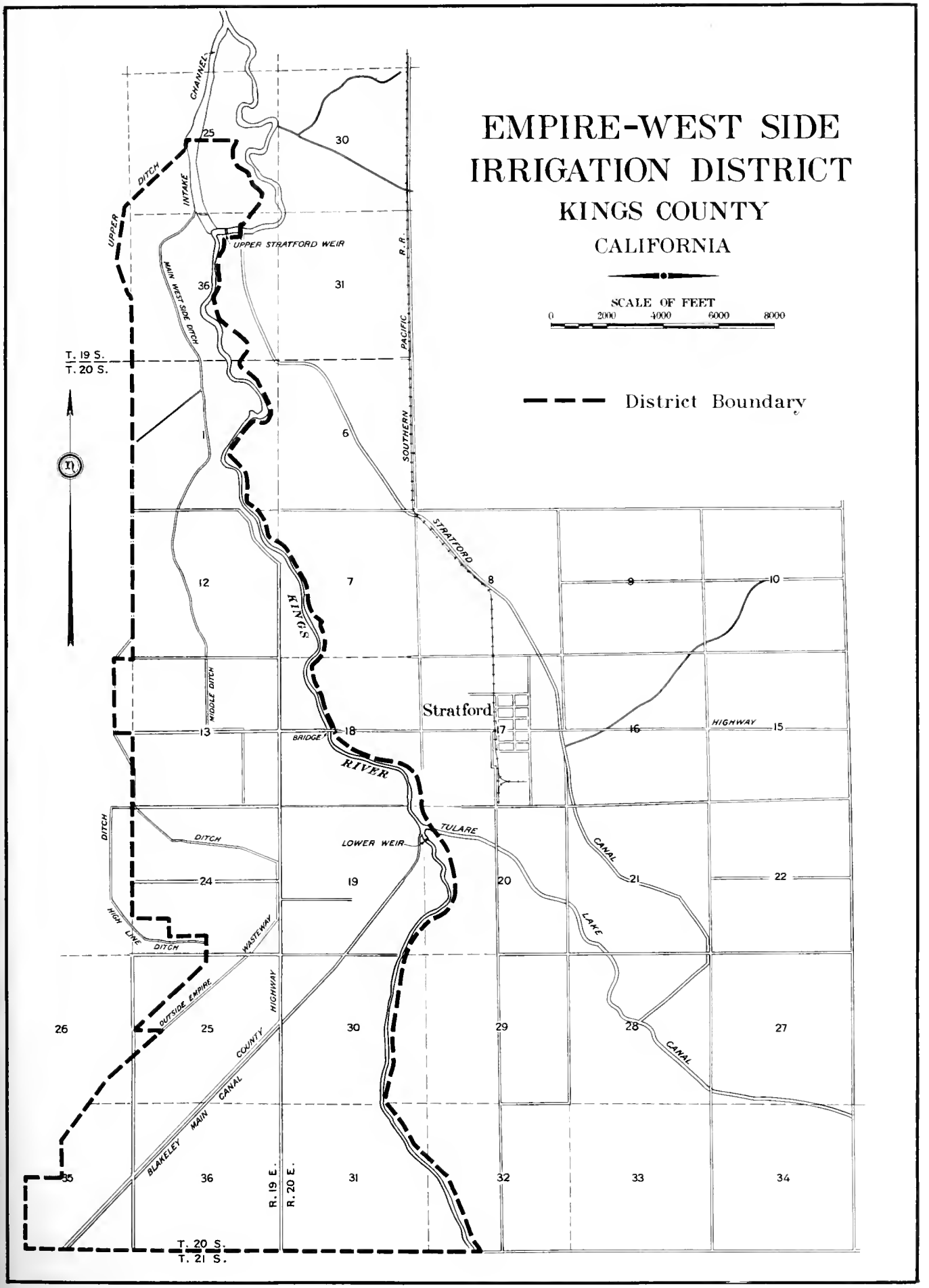


History and Development - The lands of the Empire district are a part of the Empire Ranch which contained about 18,000 acres and was acquired, subdivided and sold in small tracts by the Empire Investment Company. Prior to the sale of land to settlers the Empire Water Company was organized and entered into an agreement with the investment company to furnish water for the Empire Ranch. This agreement was made a part of all contracts of transfer to settlers. Later the water company attempted to sell certain shares of stock it had acquired in the Lemoore Canal for supplying lands of the Empire Ranch. Injunction proceedings were instituted by landowners and the court decreed that all of the waters of the Empire Water Company were appurtenant to the lands of the Empire Ranch. Under its agreement the water company also agreed to distribute certain riparian waters, and a service charge of $1.00 per acre per year was fixed and required whether any water was delivered or not. As a result of the company's failure to deliver water when it was available, suits for damages to the amount of $110,000 were filed against it by landowners. As a final settlement of the difficulties the water company, in consideration of a waiver of all claims for damages by the landowners, transferred the irrigation system and water rights to the irrigation district. About 90% of the district is farmed to alfalfa, grain and other field crops.

Soils - Only two types of soil are present in the district. These consist of Sacramento clay loam and Sacramento clay, about evenly divided in area. In this locality these soils generally are free from alkaline concentration, although there is such concentration to a considerable extent over a limited area in the extreme northern part of the district.

Water Supply - Water from the Kings River is available during comparatively high stages of that stream. A tentative schedule by the Kings River Association places the district on its list, with a minimum flow at Piedra permitting the diversion of 100 second-feet and at 7500 second-feet or more a diversion of 150 second-feet.

Works - The works acquired by the district consist of an interest in the upper and lower Stratford weirs in Kings River and some 20 miles of canals and laterals on the west side of the river.


EMPIRE-WEST SIDE
IRRIGATION DISTRICT
KINGS COUNTY
CALIFORNIA
SCALE OF FEET
0 2000 4000 6000 8000
District Boundary
T. 19 S.
T. 20 S.
T. 20 S.
T. 21 S.
R. 19 E.
R. 20 E.
CHANNEL
UPPER INTAKE DITCH
UPPER STRATFORD WEIR
MAIN WEST SIDE DITCH
R. R.
PACIFIC SOUTHERN
STRATFORD
KINGS RIVER
MIDDLE DITCH
Stratford
BRIDGE
HIGHWAY
TULARE LOWER WEIR
DITCH
HIGH LINE DITCH
WASTEWAY
OUTSIDE EMPIRE
COUNTY HIGHWAY
BLAKELEY MAIN CANAL
CANAL
LAKE
CANAL
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30
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7
8
9
10
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CHAPTER III

STATISTICAL INFORMATION

Following this chapter is a group of tables summarizing information of California irrigation districts as of January 1, 1932. A brief discussion of the contents of these tables and a summary of financial activities of irrigation districts in 1931 follows:

Source of Supply, Storage and Distribution of Water

In Table I are shown the sources of water supply for the districts, capacities of reservoirs, water stored for the season of 1931, water diverted by gravity and by district pumps and the distribution of water diverted; number of wells installed and equipped and number of horsepower installed for pumping by districts; also number of private irrigation wells in districts. There are 24 major reservoirs in use with a total capacity of 1,413,000 acre-feet. Water stored amounted to 287,500 acre-feet or about 20% of the total capacity of the reservoirs. Diversions reported are 4,631,204 by gravity, 765,565 acre-feet pumped from streams and 297,236 acre-feet pumped from wells. The total is 5,694,005 acre-feet or about 80% of the amount diverted in 1930. The districts operated 295 irrigation wells and 252 drainage wells, and for all pumping operations reported an installation of 41,766 horsepower. To supplement the district water supply land owners were reported as operating 12,519 private irrigation wells, for which no information is available as to the quantity of water diverted.

Assessments, Water Tolls and Other Revenues

Table III sets up the principal sources and amount of income of 85 California irrigation districts. The table indicates that the total assessment levies of these districts for the year 1931, computed as one-half of the sum of the levies for 1931 and 1932, was $10,024,523. Add to this the water tolls and other revenues collected, amounting to $4,193,069, and the result is a grand total of estimated revenues for the year of $14,217,592. It is estimated that the total earned revenues collected in 1931 amounted to approximately $12,000,000, the uncollected balance being mostly delinquent assessments. Columns 1, 2 and 3 of table give the amount of unredeemed tax certificates as of January 1, 1932, for the assessment years 1929 to 1931, and a subsequent column gives the total amount of tax certificates sold at the date of sale in 1931. The average delinquency of the 1931 assessment, at the date of tax sale, was 23.2 per cent. In 1930 it was 20.5 per cent, in 1929, 15.7 per cent, and in 1928, 18.7 per cent.

Bonds and Warrants

Table IV sets forth the status as of January 1, 1932 of all bonds of districts operating under the California Irrigation District Act, showing the amount voted, cancelled, sold, refunded, paid and outstanding on that date, as well as the amount of bond principal and interest in default. In addition, the last column shows the amount of interest-bearing warrants outstanding.

Bonds Voted in 1931

The Richvale irrigation district, Butte county, was the only one to vote an original issue of bonds. The principal amount voted by this district was $515,000. Refunding bonds were voted by the following districts:

Grenada, Siskiyou county	$ 136,000
Scott Valley, Siskiyou county	69,000
Nevada, Nevada county	8,100,000
Oakdale, Stanislaus county	2,320,000
South San Joaquin, San Joaquin county	4,791,000

Recommended for Certification and Sale Approved, 1931

The Districts Securities Commission recommended for certification and approved the sale of irrigation district bonds as follows:

For certification:

Nevada district (original issue)	$ 50,000
Scott Valley district (refunding)	69,000

Sale approved:

Nevada district (original issue)	$ 50,000
Cordua district, sale or exchange (refunding)	64,000

Expenditures Approved from Bonds

The irrigation district and securities commission acts provide for the approval by the commission of all expenditures from funds derived from the sale of bonds. Such proposed expenditures by irrigation districts, as represented by the approval of the commission in 1931, are as follows:

Carpenter	$ 200,000
Serrano	200,000
Nevada	50,000
El Nido	87,442
	$ 537,442

Bond Summary

Following is a summary of bond information as of January 1, 1932, on existing California irrigation districts:

Total issues voted, including all refunding		$172,235,558
Disposition of bonds		
Original issue:		
Sold	$106,699,221	
Unsold	43,759,100	
Canceled	1,536,726	
		$151,995,047
Refunding issues:		
Sold or exchanged	$ 4,642,511	
Unsold	15,598,000	
		$ 20,240,511
Present status of bonds		
Original issues:		
Paid	$ 9,941,675	
Refunded	4,641,011	
Outstanding	92,118,035	
Refunding issues:		
Paid	1,676,056	
Outstanding	2,964,955	
Paid, all issues		$ 11,617,731
Outstanding, all issues		95,082,990
Principal in default		837,350
Interest in default		3,163,631
Disposition of 1931 bond obligations		
Principal paid	$ 1,944,601	
Interest coupons paid	3,962,372	
		$ 5,906,973
Refunded		213,000
Defaulted: Principal	$ 322,150	
Interest	1,557,761	
		$ 1,879,911

Percentage of 1931 bond and bond interest payments defaulted, 24.1%

Bond Obligations per Acre

Table V shows the average bond obligation per acre for each district and the average for all districts having outstanding bonds. These figures are a general average only, and they are not therefore necessarily a measure of the bond principal and interest payments required for any particular parcel of land, as this requirement varies with the assessed valuation, which in most districts is not the same for all included lands.

TABLES OF STATISTICAL DATA

TABLE I

DATA RELATING TO SOURCE OF SUPPLY, STORAGE AND DISTRIBUTION OF WATER FOR CALIFORNIA IRRIGATION DISTRICTS

NAME OF DISTRICT	SOURCE OF WATER SUPPLY	WELLS			DISTRICT		RESERVOIRS		ACRE-FEET DIVERTED, 1931			DISTRIBUTION OF WATER DIVERTED, IN ACRE-FEET			
		District			Private:	Installed:	Average	Capacity	Stored for				Inside District		Outside
		Irri-gation	Drainage	Total		Horse Power	Pump Lift: Feet	Acre-Feet	Season Acre-Feet	By Pump	By Gravity	Total	Irrigation	Domestic	Total	District
Alpaugh	Wells	28		28		800	50			21,600		21,600	4,645	697	5,342	16,258
Alta	Kings River				1,900						27,000	27,000	27,000		27,000	
Anderson-Cottonwood	Sacramento River					15	12			465	131,179	131,644	131,179		131,179	465
Banta-Carbona	San Joaquin River					4,350	114			47,146		47,146	38,581		38,581	8,565
Bard	Colorado River										30,000	30,000	30,000		30,000	
Beaumont	Creeks and Wells	8		8	1	405	134	4	4	2,103	110	2,213	2,000	213	2,213	
Big Springs	Big Springs					325	81			8,000		8,000	8,000		8,000	
Brown'e Valley	North Fork Yuba River										16,992	16,992	16,992		16,992	
Butte Valley	Butte & Antelope Creeks and Wells	6		6	1	595	30	60,000		3,900	402	4,302	4,302		4,302	
Byron-Bethany	Old River (San Joaquin River)					800	44			15,796		15,796	15,796		15,796	
Camp Far West	Bear River							5,000	2,800		4,891	4,891	4,891		4,891	
Carmichael	American River					450	138			3,869		3,869	3,869		3,869	
Carpenter	Santiago Creek and Wells				5			6,250								
Citrus Heights	North Fork Ditch Company										3,729	3,729	3,729		3,729	
Compton-Delevan	Sacramento River						9			11,986		11,986	11,986		11,986	
Consolidated	Kings River				3,555		44				45,000	45,000	45,000		45,000	
Corcoran	Kings River, Peoples Ditch and Wells	25		25	300	545	70			16,346	10,718	27,064	27,064		27,064	
Cordua	Yuba River										23,500	23,500	23,500		23,500	
East Contra Costa	Old River (San Joaquin)		3	3	7	2,800	87			26,582		26,582	26,558		26,558	24
El Camino	Wells	28		28		820	64			9,073		9,073	9,073		9,073	
El Dorado	So. Fk. American River & Webber Creek				10			1,275	400		12,275	12,275	10,750	1,500	12,250	25
El Nido	Merced Irrigation District and Wells				70	1,225	60									
Empire West Side	Kings River and Wells				2											
Fairoaks	North Fork Ditch Company										5,511	5,511	5,346	165	5,511	
Fresno	Kings River and Wells	7		7	3,389	210	45			8,000	220,000	228,000	228,000		228,000	
Glenn-Colusa	Sacramento River					3,200	7			428,268		428,268	385,702		385,702	42,566
Grenada	Shasta River									5,142		5,142	5,142		5,142	
Hot Spring Valley	Pit River and Sage Reservoir							76,000	7,000		7,282	7,282	7,282		7,282	
Imperial	Colorado River										2,692,849	2,692,849	2,115,569		2,115,569	577,280
Ireland No. 3	Kings River				175		25									
Jacinto	Sacramento River					300	7			16,259		16,259	15,259		15,259	1,000
James	Kings, San Joaquin Rivers and Wells	61		61		1,210	44			25,470		25,470	24,671		24,671	799
La Canada	Canyons and Wells	2		2	1	390	800	10		225	100	325		325	325	
Ladera					6											
Laguna	Kings River				327						9,038	9,038	9,038		9,038	
Lakeland	Kings and Tule Rivers				3											
Lakeside	San Diego River and Wells	1		1		40	165			62		62	41	21	62	
La Mesa, Lemon Grove & Spring Val.	San Diego River, Boulder Cr. & Wells	13		13	50	700	350	18,023	2,394	3,350	2,448	5,798	4,955		4,955	843
Linden	Wells				200											
Lindsay-Strathmore	Wachumne River and Wells	34		34	140	4,000	160			12,421	1,773	14,194	14,004	190	14,194	
Little Rock Creek	Little Rock Creek				3			2,600	1,000		3,000	3,000	3,000		3,000	
Madera					1,750		60									
Merced	Merced River (McClure Lake) & Wells		85	85	450	2,070	30	289,000		85,000	189,730	274,730	274,730		274,730	
Modesto	Tuolumne R. (Don Pedro Dam) & Wells		62	62		990	27	119,466		26,567	158,712	185,279	185,279		185,279	
Montague	Shasta River							70,000	4,500							
Naglee-Burke	Old River (San Joaquin)					275	15			6,984		6,984	6,984		6,984	
Nevada	Yuba River							80,000	40,000		30,316	30,316	22,500	598	23,098	7,218
Newport Heights	Wells	2		2		130	70	2		603		603		603	603	
Newport Mesa	Wells	1		1		75	20	5		760		760	760		760	
Oakdale	Stanislaus River							56,250	46,500		112,981	112,981	112,981		112,981	

NAME OF DISTRICT	SOURCE OF WAT	DISTRIBUTION OF WATER DIVERTED, IN ACRE-FEET			
		Inside District			Outside District
		Irrigation	Domestic	Total	
Oroville-Wyandotte	Feather River	15,802		15,802	12,898
Palmdale	Little Rock Creek ar	1,089	511	1,600	
Palo Verde	Colorado River	180,936		180,936	
Paradise	Little Butte Creek a	1,625		1,625	
Potter Valley	Eel River	2,616		2,616	
Princeton-Codora-Glenn	Sacramento River	68,383		68,383	
Provident	Sacramento River	65,083		65,083	
Ramona	Wells	33	65	98	
Richvale	Feather River	53,500		53,500	
Riverdale	Kings River	4,190		4,190	
San Dieguito	Lake Hodges	1,871	199	2,070	
Santa Fe	Lake Hodges	2,539	109	2,648	13
San Ysidro	Wells		313	313	
Serrano	Santiago Creek and				
South Montebello	Wells		1,102	1,102	
South San Joaquin	Stanislaus River	154,881		154,881	
Stinson	Kings River and Well	8,403		8,403	
Table Mountain	Feather River	5,560		5,560	
Terra Bella	Wells	5,371	174	5,545	
Thermalito	Feather River	3,937		3,937	
Tracy-Clover	Old River (San Joaq	1,549		1,549	
Tranquillity	Old River (San Joaq	4,250		4,250	
Tulare					
Turlock	Tuolumne River and	424,861		424,861	
Vandalia	Tule River and Well	1,614	56	1,670	
Vista	Lake Henshaw	6,383	553	6,936	
Walnut	San Gabriel River a	1,683		1,683	
Waterford	Tuolumne River	18,580		18,580	
Westside	San Joaquin River	18,141		18,141	
West Stanislaus	San Joaquin River	35,147		35,147	622
Woodbridge	Mokelumne River	63,850		63,850	
Totals		5,018,035	7,394	5,025,429	668,576
Buena Vista Water Storage	Kern River	9,643		9,642	

TABLE I (Continued)

DATA RELATING TO SOURCE OF SUPPLY, STORAGE AND DISTRIBUTION OF WATER FOR CALIFORNIA IRRIGATION DISTRICTS

NAME OF DISTRICT	SOURCE OF WATER SUPPLY	WELLS				DISTRICT		RESERVOIRS		ACRE-FEET DIVERTED, 1931			DISTRIBUTION OF WATER DIVERTED, IN ACRE-FEET			
		District			Private	Installed Horse Power	Average Pump Lift Feet	Capacity Acre-Feet	Stored for Season Acre-Feet	By Pump	By Gravity	Total	Inside District			Outside District
		Irrigation	Drainage	Total									Irrigation	Domestic	Total	
Oroville-Wyandotte	Feather River							6,300	6,300		28,700	28,700	15,802		15,802	12,898
Palmdale	Little Rock Creek and Wells	1		1		125	205	10,000	735	500	1,100	1,600	1,089	511	1,600	
Palo Verde	Colorado River										180,936	180,936	180,936		180,936	
Paradise	Little Butte Creek and Storage							3,012	1,625		1,625	1,625	1,625		1,625	
Potter Valley	Eel River										2,616	2,616	2,616		2,616	
Princeton-Codora-Glenn	Sacramento River					1,100	22			68,383		68,383	68,383		68,383	
Provident	Sacramento River									65,083		65,083	65,083		65,083	
Ramona	Wells	13		13		50	165	1			98	98	33	65	98	
Richvale	Feather River										53,500	53,500	53,500		53,500	
Riverdale	Kings River				80		30				4,190	4,190	4,190		4,190	
San Dieguito	Lake Hodges							40,000			2,070	2,070	1,871	199	2,070	
Santa Fe	Lake Hodges				2	220	60		30,000	1,291	1,370	2,661	2,539	109	2,648	13
San Ysidro	Wells	5		5		50	218	2		313		313		313	313	
Serrano	Santiago Creek and Wells							6,250								
South Montebello	Wells						175			1,102		1,102		1,102	1,102	
South San Joaquin	Stanislaus River							87,000	65,000		154,881	154,881	154,881		154,881	
Stinson	Kings River and Wells	12		12		732	56			8,403		8,403	8,403		8,403	
Table Mountain	Feather River				1	30	60	4,510	3,300	400	5,160	5,560	5,560		5,560	
Terra Bella	Wells	32		32	3	2,589	402			5,545		5,545	5,371	174	5,545	
Thermalito	Feather River							3,690	2,745		3,937	3,937	3,937		3,937	
Tracy-Clover	Old River (San Joaquin)					125	38			1,549		1,549	1,549		1,549	
Tranquillity	Old River (San Joaquin)				3	450	7			4,250		4,250	4,250		4,250	
Tulare					11											
Turlock	Tuolumne River and Wells		102	102	25	2,500	40	223,000	38,000	62,442	362,419	424,861	424,861		424,861	
Vandalia	Tule River and Wells	11		11	26	535	250			1,670		1,670	1,614	56	1,670	
Vista	Lake Renshaw				8			200,000	14,600		6,936	6,936	6,383	553	6,936	
Walnut	San Gabriel River and Wells	3		3	3	125	40			1,683		1,683	1,683		1,683	
Waterford	Tuolumne River					15	15			300	18,280	18,580	18,580		18,580	
Westside	San Joaquin River					1,900	83			18,141		18,141	18,141		18,141	
West Stanislaus	San Joaquin River				2	4,500	100			35,769		35,769	35,147		35,147	622
Woodbridge	Mokelumne River				10			800			63,850	63,850	63,850		63,850	
Totals		295	252	547	12,519	41,706		1,413,450	287,593	1,062,801	4,631,204	5,694,005	5,018,035	7,394	5,025,429	668,576
Buena Vista Water Storage	Kern River				108			209,000			9,643	9,643	9,643		9,642	

Name of District	Gross Area, Acres	Irr A	Area Cropped			
			Not segregated	Dry farmed Acres	Irrigated Acres	Total Acres
Alpaugh	8,133		300		2,880	2,880
Alta	129,300	11	4,781		71,669	71,669
Anderson-Cottonwood	32,000	2	4,053		13,679	13,679
Banta-Carbona	15,653	1			12,551	12,551
Bard	7,000		138		4,981	4,981
Beaumont	4,141				2,000	2,000
Big Springs	3,615			1,143	2,467	3,610
Browns Valley	40,000	1	2,870		7,000	7,000
Butte Valley	28,686	1		2,000	2,286	4,286
Byron-Bethany	17,200	1	53	3,000	7,853	10,853
Camp Far West	4,089		585	260	1,833	2,093
Carmichael	3,138				1,950	1,950
Carpenter	1,328				1,136	1,136
Citrus Heights	3,162				2,652	2,652
Compton-Delevan	12,652	1		1,135	2,024	3,159
Consolidated	149,047	14			127,000	127,000
Corcoran	51,606	5		17,248	11,752	29,000
Cordua	5,461		360		1,910	1,910
Deer Creek	1,900		110	300	1,600	1,900
East Contra Costa	20,200	1			13,357	13,357
El Camino	7,549		350	3,750	3,796	7,546
El Dorado	30,000	1		500	4,300	4,800
El Nido	9,330		380	600	3,246	3,846
Empire West Side	7,110			715	2,600	3,315
Fairoaks	3,900				2,692	2,692
Fallbrook	10,217	1			851	851
Foothill	55,875	4	100	17,000	9,570	26,570
Fresno	243,100	23	25,070		180,700	180,700
Glenn-Colusa	122,032	11	5,128	43,236	65,997	109,233
Grenada	4,948				1,350	1,350
Hot Spring Valley	9,497		3,017		3,494	3,494
Imperial	612,200	52				
Island No. 3	4,620		3,000		3,000	3,000
Jacinto	11,554	1		4,764	5,288	10,052
James	26,266	1	1,238		11,674	11,674
La Canada	1,294		800		800	800
Ladera	1,632			465	130	595
Laguna	34,858	3	6,000		25,000	25,000
Lakeland	23,283	2			4,480	4,480
Lakeside	330		50		50	50
La Mesa, Lemon Grove and Spring Valley	19,245	1	670		4,222	4,222
Linden	13,700	1	13	6,400	7,243	13,643
Lindsay-Strathmore	15,246	1		700	9,160	9,160
Little Rock Creek	3,073				1,900	1,900
Madera	349,734	220	1,360	73,468	154,202	227,670
Merced	190,025	171	17,041		120,632	120,632
Modesto	81,205	7	3,725	7,861	67,543	75,404
Montague	26,117	1		10,000		10,000
Naglee-Burk	2,871		879	423	2,423	2,846
Nevada	266,000	164	9,000		11,523	11,523

TABLE II

CALIFORNIA IRRIGATION DISTRICT CROP SUMMARY FOR 1931

Name of District	Gross Area, Acres	Irrigable Area, Acres	Area Held by Districts Under Tax Deed, Acres	Estimated Number of Holdings: Farm Land	Town Lots	Total	Kind and Acreage of Crops Reported: Alfalfa	Grain and Grain Hay	Field and Truck	Cotton	Rice	Vines	Deciduous Fruits Nuts and Olives	Citrus	Avocados	Not segregated	Area Cropped: Dry farmed Acres	Irrigated Acres	Total Acres
Alpaugh	8,135	8,132	865	300		300	480	600	600	900			44,704	3,248	832	300		2,880	2,880
Alta	129,300	112,600	None	2,500	1,700	4,200	8,513	7,700	769	1,322			44,704	3,248	832	4,781		71,669	71,669
Anderson-Cottonwood	32,000	28,064	1,782	360	390	750	2,632	3,525	1,746				213	1,510		4,053		13,679	13,679
Bante-Carbona	15,653	15,194	2,444	241		241	2,791		9,189				59	512				12,551	12,551
Bard	7,000	6,000	None	175		175	1,729	639	83	2,277			2	83	30	138		4,981	4,981
Beaumont	4,141	3,161	160	413	477	890								2,000				2,000	2,000
Big Springs	3,615	2,550	None	38		38	2,400	67									1,143	2,467	3,610
Browns Valley	40,000	11,740	None	250	17	267	2,000	500	50				400	800	380	2,870		7,000	7,000
Butte Valley	28,686	17,500	10,750	127	44	171	286	2,000									2,000	2,286	4,286
Byron-Bethany	17,200	12,544	None	180	30	210	7,000		500				100	200		53	3,000	7,853	10,853
Camp Far West	4,089	2,658	None	11		11	155						140	955		585	260	1,833	2,093
Carmichael	3,138	3,038	None	200		200							200	1,500	250			1,950	1,950
Carpenter	1,328	1,320	None	126	153	279			36						1,100			1,136	1,136
Citrus Heights	3,162	3,070	69	300		300							285	2,237	130			2,652	2,652
Compton-Delevan	12,652	11,500	1,464	9		9					2,024						1,135	2,024	3,159
Consolidated	149,047	145,757	None	4,600		4,600	17,300		18,000	4,000		75,000	12,600	100				127,000	127,000
Corcoran	51,606	51,000	12,150	280		280	2,900	2,600	360	5,892							17,248	11,752	29,000
Cordua	5,461	5,421	1,020	49		49					1,550					360		1,910	1,910
Deer Creek	1,900	1,665	None	17		17	200	500	325				10	455		110	300	1,600	1,900
East Contra Costa	20,200	19,760	1,530	360	120	480	2,574	273	2,312			1,210	6,988					13,357	13,357
El Camino	7,549	7,549	None	272		272	1,184		1,137			105	1,020			350	3,750	3,796	7,546
El Dorado	30,000	19,905	40	595	462	1,057							4,300				500	4,300	4,800
El Nido	9,330	7,405	None	100		100	2,450		300			51	65			380	600	3,246	3,846
Empire West Side	7,110	6,400	None	54		54	200	2,400									715	2,600	3,315
Fairoaks	3,900	3,400	3	274	156	430	12		10				1,678	992				2,692	2,692
Fallbrook	10,217	10,200	None	293	78	371							7	655	189			851	851
Foothill	55,875	43,500	None	1,000	180	1,180	200		150	100			3,000	6,000	20	100	17,000	9,570	26,570
Fresno	243,100	239,080	None	9,036		9,036	22,000	16,315				90,200	26,115	1,000		25,070		180,700	180,700
Glenn-Colusa	122,032	119,021	14,088	455		455	10,953	17,971	1,862		28,727	118	1,244			5,128	43,236	65,997	109,233
Grenada	4,948	3,510	680	22	19	41	1,350											1,350	1,350
Hot Spring Valley	9,497	9,000	280	28		28	421	38	18							3,017		3,494	3,494
Imperial	612,200	522,200	7,000	4,700	6,200	10,900				Information Not Obtainable									
Island No. 3	4,620	4,120	None	150		150										3,000		3,000	3,000
Jacinto	11,554	11,496	315	185		185	1,675	224	2,548			841					4,764	5,288	10,052
James	26,266	18,266	26,150	17		17	2,156	6,600		1,650		30				1,238		11,674	11,674
La Canada	1,294	1,239	None	500		500										800		800	800
Ladera	1,632	1,481	70	70	300	370							80	50			465	130	595
Laguna	34,858	30,000	249	800		800	10,000	5,000		500		500	3,000			6,000		25,000	25,000
Lakeland	23,283	23,283	1,675	23		23	160	4,320										4,480	4,480
Lakeside	380	288	None	10	80	90										50		50	50
La Mesa, Lemon Grove and Spring Valley	19,245	13,550	500	1,100	5,700	6,800			752				2,075		725	670		4,222	4,222
Linden	13,700	13,000	None	310	36	346	300		600			250	6,080			13	6,400	7,243	13,643
Lindsay-Strathmore	15,246	14,540	3,638	400		400						415	860	7,885			700	9,160	9,160
Little Rock Creek	3,073	2,877	742	109		109							1,900					1,900	1,900
Madera	349,734	220,572	None	1,908	1,805	3,713	15,865	73,468	2,620	27,366		25,326	8,357			1,360	73,468	154,202	227,670
Merced	190,025	171,709	4,951	2,495	2,190	4,685	18,292	26,694	15,415	6,494	5,308	12,404	18,984			17,041		120,632	120,632
Modesto	81,208	78,778	None	2,000	4,000	6,000	17,495	13,392	11,489		1,240	9,248	10,954			5,725	7,861	67,543	75,404
Montague	26,117	18,531	960	90	250	340											10,000		10,000
Naglee-Burk	2,871	2,846	165	53		53	1,182	898	44			20				879	423	2,423	2,846
Nevada	266,000	164,000	703	1,852		1,852	774		749			4	996			9,000		11,523	11,523

Name of District	Gross Area, Acres	Irri Ar Acr	Area Cropped			
			Not Segregated	Dry Farmed Acres	Irrigated Acres	Total Acres
Newport Heights	1,503	1	20	60	503	563
Newport Mesa	694				400	400
Oakdale	74,240	66	4,618	16,426	22,219	38,645
Oroville-Wyandotte	24,100	22	188		2,502	2,502
Palmdale	4,746	4	200		609	609
Palo Verde	88,693	70			26,348	26,348
Paradise	11,260	9			2,225	2,225
Potter Valley	5,042	4	1,220		2,000	2,000
Princeton-Codora-Glenn	13,656	12			3,711	3,711
Provident	22,805	21			8,500	8,500
Ramona	660				61	61
Richvale	17,170	14			5,316	5,316
Riverdale	15,830	14			7,000	7,000
San Dieguito	3,900	3	180		2,015	2,015
Santa Fe	10,106	6	100		3,010	3,010
San Ysidro	530		110		110	110
Scott Valley	5,125	4		1,000	4,000	5,000
Serrano	1,499	1			1,308	1,308
South Montebello	827				827	827
South San Joaquin	71,112	66	1,795	12,698	55,040	67,738
Stinson	11,150	11			3,013	3,013
Table Mountain	1,955	1			642	642
Terra Bella	12,285	12	30		2,889	2,889
Thermalito	3,110	2	500		1,967	1,967
Tracy-Clover	1,084	1	45		564	564
Tranquillity	10,750	10			6,100	6,100
Tulare	34,000	30			27,000	27,000
Turlock	181,556	179	7,153	20,000	137,833	157,833
Vandalia	1,276	1			1,053	1,053
Vista	18,206	14	74		6,096	6,096
Walnut	911				911	911
Waterford	14,110	11	155		5,256	5,256
West Side	11,828	11		2,645	9,155	11,800
West Stanislaus	22,137	22			13,076	13,076
Williams	9,009	8				
Woodbridge	14,164	15	815	5,098	8,588	13,686
Totals	3,446,139	[illegible]	108,268	252,895	1,372,233	1,625,128
Buena Vista Water Storage	78,596	50			12,176	12,176

TABLE II (continued)

CALIFORNIA IRRIGATION DISTRICT CROP SURVEY FOR 1931

Name of District	Gross Area, Acres	Irrigable Area, Acres	Area Held by Districts Under Tax Deed, Acres	Estimated Number of Holdings: Farm Lots	Town Lots	Total	Kind and Acreage of Crops Reported: Alfalfa	Grain and Grain Hay	Field and Truck	Cotton	Rice	Vines	Deciduous Fruits, Nuts and Olives	Citrus	Avocados	Not Segregated	Area Cropped: Dry Farmed, Acres	Irrigated Acres	Total Acres
Newport Heights	1,503	1,503	None		580	580	20		400			3	20	40		20	60	503	563
Newport Mesa	694	400	None		200	200			400									400	400
Oakdale	74,240	66,800	3,470	1,800	1,048	2,848	3,486	1,737	3,149	468	8,052	2,325	4,385			4,618	16,426	22,219	38,645
Oroville-Wyandotte	24,100	22,300	8,280	329	142	471							1,040	1,269	11	188		2,502	2,502
Palmdale	4,746	4,698	3,065	114	121	235	46	5				20	338			200		609	609
Palo Verde	88,693	70,000	27,500	800	330	1,130	9,656	2,470	411	13,811								26,348	26,348
Paradise	11,260	9,836	1,876	519	132	651			125			100	2,000					2,225	2,225
Potter Valley	5,042	4,195	None	105		105							780			1,220		2,000	2,000
Princeton-Codora-Glenn	13,656	12,290	184	150		150	611	200			1,800		1,100					3,711	3,711
Provident	22,805	21,000	5,987	17		17					8,500							8,500	8,500
Ramona	660	594	None		230	230			61									61	61
Richvale	17,170	14,600	None	170		170	12	130			5,174							5,316	5,316
Riverdale	15,830	14,800	40	206		206	5,000	2,000										7,000	7,000
San Dieguito	3,900	3,700	None			2,500			900				35		900	180		2,015	2,015
Santa Fe	10,106	6,980	None	240	200	440	100		250				160	1,700	700	100		3,010	3,010
San Ysidro	530	490	21	150	250	400										110		110	110
Scott Valley	5,125	4,000	None	28		28	2,000	2,000									1,000	4,000	5,000
Serrano	1,499	1,319	None	170		170			30				60	1,172	46			1,308	1,308
South Montebello	827	827	None		300	300			450				20	377				827	827
South San Joaquin	71,118	66,465	766	2,090	890	2,980	18,828	10,598	9,478	182	12	10,087	4,060			1,795	12,698	55,040	67,738
Stinson	11,150	11,000	5,636	20	3	23	326	110	1,693	884								3,013	3,013
Table Mountain	1,955	1,780	1,029	19		19	38	225	14		365							642	642
Terra Bella	12,285	12,070	946	625	125	750						129	828	1,902		30		2,889	2,889
Thermalito	3,110	2,940	321	225	180	405	10	20	50			145	600	640	8	500		1,967	1,967
Tracy-Clover	1,084	1,034	None	80		80	410	100	4			5				45		564	564
Tranquillity	10,750	10,190	2,750	156	90	246	1,000	5,000		100								6,100	6,100
Tulare	34,000	30,600	None	545	43	588	8,000	10,000	6,000			3,000						27,000	27,000
Turlock	181,556	179,278	500	6,300	1,500	7,800	41,729	31,535	35,342		442	18,737	8,895			7,153	20,000	137,833	157,833
Vandalia	1,276	1,253	67	42		42								1,053				1,053	1,053
Vista	18,206	14,654	4,207	1,313	154	1,467	25		814			39	106	1,795	3,243	74		6,096	6,096
Walnut	911	911	None	65		65	20		50			50		791				911	911
Waterford	14,110	11,484	None	278	76	354	1,103	535	1,106			672	1,685			155		5,256	5,256
West Side	11,828	11,811	40	500		500	4,575	2,448	1,590			544					2,645	9,155	11,800
West Stanislaus	22,137	22,000	None	95	15	110	2,289	4,062	6,580				205					13,076	13,076
Williams	9,009	8,000	Included with Glenn-Colusa Irrigation District																
Woodbridge	14,164	13,566	None	151		151	1,560	770	3,014			2,369				915	5,098	8,538	13,636
Totals	3,446,139	2,803,726	161,098			90,235	258,211	259,069	143,454	65,886	57,194	294,054	150,118	30,143	5,834	108,268	258,895	1,372,233	1,625,128
Buena Vista Water Storage	78,596	50,400	None	70	29	99	1,167	6,167	30	4,312								12,176	12,176

LINQUENT,

Name of District	Unredeemed Tax Ce January 1, 1932, fo Years 1928-29 to		-1932				Collected from Sources Other Than Assessments and Water Tolls, 1931
	1929	1930	luation All Other Funds	Total Rate	Total Assessment Levied	Water Tolls Collected, 1931	
Alpaugh	$ 14,031	$ 13,423		$8.00	$ 30,741	$ 73,498	$ 9,071
Alta	4,890	7,044		1.69	88,769	None	4,459
Anderson-Cottonwood	6,575	20,998		4.00	53,681	None	None
Banta-Carbona	691	3,176	$ .30	5.50	118,846	83,309	13,017
Bard	179				None	None	None
Beaumont	3,044	4,175		11.00	42,533	27,961	5,108
Big Springs		130		2.30	11,375	8,144	21
Browns Valley					None	5,675	100
Butte Valley	4,700	28,378		6.50	47,758	None	None
Byron-Bethany	1,028	3,198		4.00	67,874	30,641	899
Camp Far West				3.60	12,600	285	98
Carmichael	546	2,188		12.12	30,266	None	777
Carpenter				1.25	15,199	None	None
Citrus Heights	1,075	1,541		10.59	52,517	None	1,653
Compton-Delevan	3,609	4,712		6.24	52,400	14,362	2,146
Consolidated	4,701	6,750		2.00	209.453	2,948	7,284
Corcoran	4,860	6,781		2.00	102,487	16,581	1,565
Cordua	243	6,540		5.12	16,908	3,225	10,986
Deer Creek				3.25	5,754	None	80
East Contra Costa		954		3.50	126,000	83,556	2,605
El Camino	10	7,437		6.55	61,787	None	None
El Dorado	209	272		1.25	25,433	53,317	2,716
El Nido		1,396		1.80	9,866	None	None
Empire West Side				.90	5,815	None	None
Fairoaks	458	1,427		2.25	7.00 23,986	23,176	1,904
Fallbrook	406	534		.15	1,490		18
Foothill	5,330			1.25	33,310	None	3
Fresno	12,023	22,351		2.40	442,982	1,677	6,358
Glenn-Colusa	71,137	93,858		6.50	300,779	165,840	26,414
Grenada	Delinquencies Adjusted			6.50	20,018	None	1,418
Hot Spring Valley	- Information Not Ob			11.00	19,858	256	
Imperial	176,111	259,403		.23 5.00	2,507,069	269,229	103,962
Island No. 3					None	None	None
Jacinto	7,309	1,396		4.75	33,660	3,491	2,042
Jamde (1)	175,179	140,698		3.13	113,420	52,051	526
La Canada	80	568		1.75	22,557	22,766	2,273
Ladera	10	1.341		.70	7,355	None	16
Laguna	3,284	7,811		.80	24,400	None	None
Lakeland	3,712	3,837			None	None	4,118
Lakeside	1,852	1,844		4.25	5,663	3,582	136
La Mesa, Lemon Grove, and Spring Valley	30,276	37,609		2.60	167,923	153,841	16,621
Linden				.20	2,705		51
Lindsay-Strathmore	36,712	41,698	1.60	16.62	319,840	152,257	10,652
Little Rock Creek	9,102	5,803		9.50	89,194	None	600
Madera		2,662		.70	64,527	None	1,021
Merced	42,878	69,500		5.60	1,971,568	2,703	125,049
Modesto	4,340	6,565		4.40	326,986	None	582,114
Montague	9.389	69,369		10.35	108,963	None	4,149
Naglee-Burk	1,596	3,147		10.00	26,812	70	1,424
Nevada		4,544		1.00	73,235	100,139	227,307

TABLE III

SUMMARY OF TOTAL ASSESSMENTS LEVIED, TAX CERTIFICATES SOLD AND UNREDEEMED, PERCENTAGES OF ASSESSMENTS DELINQUENT, REVENUES RECEIVED FROM WATER TOLLS AND FROM SOURCES OTHER THAN ASSESSMENTS AND WATER TOLLS IN CALIFORNIA IRRIGATION DISTRICTS

Name of District	Unredeemed Tax Certificates January 1, 1932, for Assessment Years 1928-29 to 1930-31				Percentage of Assessment Remaining unpaid January 1, 1932, for Assessment Years 1928-29 to 1930-31				Assessment, 1930-1931				Assessment, 1931-1932						Water Tolls Collected, 1931	Collected from Sources Other Than Assessments and Water Tolls, 1931
	1929	1930	1931	Total	1928-29	1929-30	1930-31	Total	Total Assessed Valuation	Rate per $100 of Valuation	Total Assessment Levied	Tax Certificates Sold	Total Assessed Valuation	Rate Per $100 Valuation: Bond Retirement	For Interest	For General Fund	For All Other Funds	Total Rate	Total Assessment Levied		
lpaugh	$ 14,031	$ 13,423	$ 19,093	$ 46,549	26.9	28.6	45.5	33.0	$ 381,126	$ 10.00	$ 38,113	$ 21,155	$ 384,264	$ 3.50	$4.50			$8.00	$ 30,741	$ 73,492	$ 9,071
lta	4,890	7,044	18,334	30,268	3.1	5.2	14.8	7.3	5,185,000	2.18	112,929	14,513	5,240,219	.56	.23	$ .90		1.69	88,769	None	4,459
nderson-Cottonwood	6,573	20,992	35,122	62,689	5.0	16.1	27.3	16.1	1,374,028	8.50	116,791	37,315	1,342,018			4.00		4.00	53,681	None	None
nte-Carbone	691	3,176	10,732	14,599	.6	2.3	7.6	3.6	2,244,162	5.70	127,917	11,179	2,242,377		3.58	1.42	$ .30	5.30	118,846	83,309	13,017
rd	179			179	10.8			10.8	602,199		None	None	602,199					None	None	None	None
eaumont	3,044	4,175	6,456	13,675	6.3	10.0	15.4	10.3	401,710	9.50	38,162	7,481	386,660	3.93	4.57	2.50		11.00	42,533	27,961	5,108
ig Springs		130	409	539		1.0	5.3	2.2	493,549	1.41	6,959	693	494,544	.94	.91	.45		2.30	11,375	8,144	21
rowne Valley											None	None							None	5,675	100
utte Valley	4,700	28,378	22,016	55,094	10.8	62.2	55.8	42.7	558,038	6.50	36,273	22,385	734,700		5.58	.92		6.50	47,758	None	None
yron-Bethany	1,028	5,198	8,250	12,476	1.3	4.0	10.6	5.3	1,696,890	4.16	70,591	10,719	1,696,842	.80	2.36	.84		4.00	67,874	30,641	899
amp Far West									349,625	3.60	12,600	None	349,625		3.06	.54		3.60	12,600	285	98
armichael	546	2,188	5,156	7,890	2.5	9.1	21.3	11.2	250,402	8.75	21,910	6,941	249,753	2.07	2.48	7.57		12.12	30,266	None	777
arpenter			111	111			.8	.8	1,215,540	1.00	12,155	1,601	1,215,914		1.10	.15		1.25	15,199	None	None
itrus Heights	1,075	1,541	3,375	5,991	3.1	4.2	9.4	5.6	312,085	10.50	32,769	3,649	309,938	3.00	3.00	4.50		10.50	32,517	None	1,653
ompton-Delevan	3,609	4,712	15,147	23,468	8.4	12.2	39.6	19.7	846,090	4.11	34,753	15,147	839,080	2.10	3.23	.91		6.24	52,400	14,362	2,146
onsolidated	4,701	6,750	13,501	24,952	1.8	2.7	5.5	3.3	10,534,582	2.10	221,226	18,447	10,472,625	1.29	.11	.60		2.00	209.453	2,948	7,284
orcoran	4,860	6,781	31,308	42,949	4.1	5.6	18.5	10.6	5,140,800	3.00	154,224	43,525	5,140,902	.20	.88	.92		2.00	102,487	16,581	1,565
ordua	243	6,540	7,443	14,226	1.1	29.9	39.2	22.4	342,234	5.04	17,249	3,914	330,234		5.12			5.12	16,908	3,225	10,986
eer Creek									151,056	3.30	4,985	None	177,052	1.62	.63	1.00		3.25	5,754	None	80
ast Contra Costa		954	9,213	10,167		.6	6.2	2.3	3,602,915	3.73	134,401	9,844	3,601,320	.84	2.38	.28		3.50	126,000	83,556	2,605
l Camino	19	7,437	18,227	25,683		14.9	35.8	16.7	943,294	5.20	49,051	18,367	943,294		6.55			6.55	61,787	None	None
l Doredo	209	272	1,775	2,254	1.2	1.9	9.3	4.4	2,033,317	.85	17,280	2,165	2,034,667		.63	.62		1.25	25,433	53,317	2,716
l Nido		1,398		1,398		13.1		13.1				1,622	548,090	1.50		.30		1.80	9,866	None	None
mpire West Side											None		546,041			.90		.90	5,815	None	None
airoaks	458	1,427	3,834	5,719	2.6	8.0	14.6	9.2	341,670	7.00	23,917	4,496	342,655	2.94	1.81		2.25	7.00	23,986	23,176	1,904
allbrook	406	534	719	1,659	2.4	4.4	6.9	4.2	949,313	1.00	9,498	719	993,102			.15		.15	1,490		18
oothill	5,330			5,330	7.3			7.3					2,664,773			1.25		1.25	33,310	None	3
resno	12,023	22,351	39,956	74,330	2.4	4.4	7.9	4.9	18,473,805	2.50	461,845	50,648	18,455,100	1.58	.05	.77		2.40	442,982	1,677	6,358
lenn-Colusa	71,137	93,858	72,819	237,814	19.3	26.0	80.2	21.8	5,024,795	6.60	328,228	72,819	4,568,649	2.92	2.31	1.27		6.50	300,779	165,840	26,414
ranada	Delinquencies Adjusted by Refunding Bond Issue and Re-organization								522,675	6.72	35,123		307,970		1.62	4.88		6.50	20,018	None	1,418
ot Spring Valley	- Information Not Obtainable -												180,289	7.33	2.67	1.00		11.00	19,838	256	
mperial	176,111	259,405	456,097	891,611	6.6	9.5	16.4	10.9	50,587,177	5.00	2,529,359	495,728	50,141,772	.70	1.90	2.17	.23	5.00	2,507,089	269,229	103,962
eland No. 3									228,325	.25	571	None							None	None	None
acinto	7,309	1,396	8,350	17,055	20.1	3.9	23.2	9.1	889,731	4.75	32,762	8,273	693,500	1.60	1.70	1.45		4.75	33,660	3,491	2,042
ande (1)	175,179	140,698	14,752	330,629	93.8	98.9	(1)	100.0	3,619,695	3.23	116,916	14,752	3,619,695	1.38	1.21	.54		3.13	113,420	52,051	526
a Canada	80	568	2,555	3,203		.2	10.2	4.2	1,297,435	1.75	22,705	3,075	1,288,920		1.50	.25		1.75	22,557	22,766	2,273
adero	10	1,341	516	1,867	.6	12.3	9.8	10.3	942,011	.40	3,762	628	1,050,723			.70		.70	7,355	None	16
aguna	3,284	7,811	8,943	20,038	5.2	13.3	16.1	11.3	3,067,366	1.65	50,612		3,050,036	.75	.05			.80	24,400	None	None
akeland	3,712	3,837		7,569	5.6	6.4		6.0			None	13,823							None	None	4,118
almside	1,852	1,844	1,984	5,680	33.6	29.6	31.8	31.6	133,250	4.25	5,663	1,984	113,250		1.81	2.44		4.25	5,663	3,552	136
a Mesa, Lemon Grove, and Spring Valley	30,276	37,609	61,412	129,297	17.2	20.8	55.3	23.9	6,442,588	2.60	167,064	64,693	6,458,573		2.36	.24		2.60	167,923	153,841	16,621
inden			22	22			.2	.2	1,363,469	.70	9,544	88	1,352,535			.20		.20	2,705		31
indsay-Strathmore	36,712	41,698	45,690	124,100	11.2	12.5	14.8	12.8	2,063,488	13.57	280,015	44,013	1,924,434	3.89	5.68	5.55	1.60	16.62	319,840	152,257	10,652
ittle Rock Creek	9,102	5,803	6,411	21,316	28.2	17.9	19.8	22.0	310,004	9.50	29,455	6,405	307,300	.77	7.97	.76		9.50	29,194	None	600
adera		2,662	2,715	5,377		5.9	6.7	6.3	9,234,175	.40	36,937	3,622	9,219,307			.70		.70	64,527	None	1,021
erced	42,848	69,500	201,136	313,514	3.1	5.2	16.3	7.8	20,246,775	5.90	1,194,560	232,473	19,135,140		4.80	.80		5.60	1,071,568	2,705	125,049
odesto	4,340	6,565	15,738	26,643	.9	1.6	4.0	2.1	7,440,020	4.80	357,121	15,308	7,431,490	.89	1.71	1.80		4.40	326,986	None	582,114
ontague	9,389	69,369	85,407	164,165	20.0	59.3	74.1	68.8	1,104,031	9.50	104,845	85,491	1,052,786		9.35	1.00		10.35	108,963	None	4,149
aglese-Burk	1,596	3,147	6,299	11,042	6.1	10.7	21.4	13.0	268,124	10.00	26,812	6,517	296,124		4.16	5.84		10.00	26,812	70	1,424
evada		4,544	9,849	14,393		5.6	12.2	8.9	7,461,320	1.00	73,559	11,541	7,253,323			1.00		1.00	73,255	100,139	227,307

UENT

Name of District	Unredeemed Tax Cert January 1, 1932, for Years 1928-29 to 1		1-1932				Collected from Sources Other Than Assessments and Wate Tolls, 1931
			uation			Water Tolls Collected, 1931	
	1929	1930	All Other Funds	Total Rate	Total Assessment Levied		
Newport Heights	$ 28	$ 444		$1.40	$ 20,328	$ 8,041	$ 1,326
Newport Mesa	327	428		1.50	6,336	2,691	101
Oakdale	17,960	31,806		5.40	218,837	888	77,609
Oroville-Wyandotte	1,250	5,170		3.50	80,816	38,832	784
Palmdale	2,765	5,798		5.00	7,864	5,955	None
Palo Verde	246,617	435,889		10.20	336,333	155,715	17,005
Paradise	2,050	3,337		7.50	42,118	None	3,863
Potter Valley				4.95	12,878	6,430	188
Princeton-Codora-Glenn	407	1,536		4.30	39,853	19,989	274
Provident	49,830	54,932		6.50	104,748	53,007	3,835
Ramona	79	84		8.00	6,453	5,076	762
Richvale				6.87	3,423	37,970	2,736
Riverdale	398	2,304		2.33	25,493	None	568
San Dieguito	2,345	3,310		4.00	81,068	32,135	8,039
Santa Fe	568	1,975		$2.08	5.94 126,655	36,213	3,320
San Ysidro	33	33		4.00	4,229	10,827	653
Scott Valley					None	None	None
Serrano				1.25	16,209	None	2,222
South Montebello		Informati		1.10	7.00 471,577	600	64,687
South San Joaquin	8,194	14,405					
Stinson	27,871	46,675		14.00	38,542	17,143	
Table Mountain	155	8,077		5.30	12,756	46	3,279
Terra Bella	29,291	41,075		10.00	117,503	79,391	687
Thermalito	4,987	6,641		7.80	36,558	None	4,073
Tracy-Clover	870	1,678		9.00	9,301	None	40
Tranquillity	4,287	10,534		1.60	19,490	7,005	525
Tulare	279	388		.50	8,213	18	100
Turlock	4,057	9,367		3.50	472,571	None	623,055
Vandalia				.97 10.87	26,263	15,656	386
Vista	28,334	46,016		7.80	189,359	102,187	45,516
Walnut				1.00	9,110	4,295	102
Waterford	283	11,964		5.75	63,114	None	1,856
West Side		638		5.75	70,081	36,416	6,304
West Stanislaus				7.00	152,978	73,127	4,752
Woodbridge	74	300		.12 2.00	24,103	26,854	2,690
Totals	$1,074,842	$1,639,878	$	$3.44	$9,762,464	$2,150,989	$ 2,062,080
Buena Vista Water Storage				10.50	$ 89,297	None	None
	$1,074,842	$1,639,878	$	$3.46	$9,851,761	$2,150,989	$ 2,062,080

(1) James Irrigation District carries land acqui

uent, therefore, the per cent delinquent is approximately 100.

TABLE III (Continued)

SUMMARY OF TOTAL ASSESSMENTS LEVIED, TAX CERTIFICATES SOLD AND UNREDEEMED, PERCENTAGES OF ASSESSMENTS DELINQUENT
REVENUES RECEIVED FROM WATER TOLLS AND FROM SOURCES OTHER THAN ASSESSMENTS AND WATER
TOLLS IN CALIFORNIA IRRIGATION DISTRICTS

Name of District	Unredeemed Tax Certificates January 1, 1932, for Assessment Years 1928-29 to 1930-31				Percentage of Assessment Remaining unpaid January 1, 1932, for Assessment Years 1928-29 to 1930-31				Assessment, 1930-1931				Assessment, 1931-1932							Water Tolls Collected, 1931	Collected from Sources Other Than Assessments and Water Tolls, 1931
														Rate Per $100 Valuation							
	1929	1930	1931	Total	1928-29	1929-30	1930-31	Total	Total Assessed Valuation	Rate Per $100 of Valuation	Total Assessment Levied	Tax Certificates Sold	Total Assessed Valuation	Bond Retirement	Interest	General Fund	All Other Funds	Total Rate	Total Assessment Levied		
Newport Heights	$ 28	$ 444	$ 2,282	$ 2,754	.1	1.9	9.9	4.2	$ 1,442,560	$ 1.45	$ 20,917	$ 1,985	$ 1,452,000		$ .66	$ .74		$1.40	$ 20,328	$ 8,041	$ 1,326
Newport Mesa	327	428	429	1,184	3.5	4.6	4.6	4.2	442,362	2.00	8,447	623	422,405		.70	.80		1.50	6,336	2,691	101
Oakdale	17,960	31,806	73,762	123,528	5.8	10.5	20.9	12.8	4,280,770	7.50	321,058	80,090	4,052,540	$ .20	1.75	2.00		5.40	218,837	888	77,609
Oroville-Wyandotte	1,250	5,170	16,421	22,841	2.5	10.4	21.7	13.1	2,293,515	3.00	68,805	16,421	2,309,032		1.50	2.00		3.50	80,816	38,832	784
Palmdale	2,765	5,798	5,662	14,225	6.9	11.5	16.0	11.3	460,314	7.00	32,222	7,345	157,445		5.00			5.00	7,864	5,955	None
Palo Verde	246,617	435,889	383,651	1,066,157	29.6	54.2	95.2	52.2	5,898,650	9.40	566,473	384,010	3,363,680	2.22	7.98			10.20	336,333	155,715	17,005
Paradise	2,050	3,337	9,579	14,966	4.0	6.5	18.9	9.8	614,289	7.50	46,072	10,634	563,997	.36	5.14	2.00		7.50	42,118	None	3,863
Potter Valley								None	261,280	4.45	11,627	None	260,166	.50	2.41	2.04		4.95	12,878	6,430	188
Princeton-Codora-Glenn	407	1,536	5,691	7,634	.9	3.3	13.3	5.7	939,270	4.30	38,918	5,991	926,820		1.30	3.00		4.30	39,853	19,989	274
Provident	49,850	54,932	111,416	216,178	33.0	36.3	73.9	47.7	1,611,500	8.50	136,978	111,416	1,611,500	2.30	4.20			6.50	104,748	53,007	3,833
Ramona	79	84	485	588	1.4	1.3	8.9	3.4	81,410	6.00	4,885	381	80,665		7.78	.22		8.00	6,453	5,076	762
Richvale								None				None	510,085		4.80	1.87		6.67	3,423	37,970	2,736
Riverdale	398	2,304	5,724	8,426	1.1	6.2	19.8	8.2	1,168,750	2.25	26,297	5,944	1,098,542	1.79	.16	.38		2.33	25,493	None	568
San Dieguito	2,345	3,310	8,583	14,238	3.2	4.8	9.6	6.2	2,037,737	4.00	81,173	10,322	2,026,695	.62	1.29	2.09		4.00	81,068	32,133	8,039
Santa Fe	568	1,975	8,966	11,509	.5	1.7	7.0	3.3	1,689,430	6.93	117,077	9,361	2,132,410		2.32	1.60	$2.08	5.94	126,655	36,213	3,320
San Ysidro	33	33	163	229	.7	.6	8.8	1.3	105,300	5.00	5,252	254	105,780		1.33	2.67		4.00	4,229	10,827	653
Scott Valley									256,570	8.00	20,526	None							None	None	None
Serrano								None	1,321,140	1.00	13,211	None	1,320,503		.80	.45		1.25	16,209	None	2,222
South Montebello	Information Not Obtainable								703,248	2.00	14,065		- Information Not Obtainable -								
South San Joaquin	8,194	14,405	27,599	50,198	1.7	2.7	5.2	3.3	6,754,890	7.10	479,592	35,927	6,736,820		3.44	2.46	1.10	7.00	471,577	600	64,687
Stinson	27,871	46,675	33,733	108,279	53.4	89.5	46.2	61.0	558,341	11.90	66,443	33,733	276,199	3.17	9.10	1.73		14.00	38,542	17,143	
Table Mountain	155	8,077	6,645	14,877	1.2	61.0	52.3	38.5	240,680	4.80	11,533	6,645	240,675		4.70	.60		5.30	12,756	46	3,279
Terra Bella	29,891	41,075	81,969	152,335	22.6	29.9	52.0	36.1	1,246,183	11.50	143,311	91,308	1,175,034	3.02	5.14	1.84		10.00	117,503	79,391	687
Thermalito	4,997	6,641	8,756	20,304	14.0	18.2	23.0	18.5	448,417	7.45	34,680	8,169	448,047		4.76	3.05		7.80	36,558	None	4,073
Tracy-Clover	870	1,678	2,521	5,069	9.0	16.4	24.6	16.8	103,380	9.00	9,304	3,278	103,346		3.47	5.53		9.00	9,301	None	40
Tranquillity	4,287	10,534	20,071	34,892	16.1	25.6	74.9	36.8	1,218,114	2.00	24,362	22,483	1,218,114	.24	1.36			1.60	19,490	7,005	525
Tulare	279	388	707	1,374	2.1	3.8	7.3	4.1	1,762,895	.50	8,800	1,259	1,682,580			.50		.50	8,213	18	100
Turlock	4,057	9,367	27,492	40,916	.6	1.5	4.8	2.2	13,527,175	4.00	541,087	35,165	13,502,015	1.29	2.21			3.50	472,571	None	625,055
Vandalia								None	255,067	9.49	24,206	None	341,814	3.58	5.35	.97	.97	10.87	28,263	16,656	386
Vista	28,334	46,016	81,503	155,853	14.5	23.4	41.1	26.4	2,311,189	7.80	180,273	87,742	2,312,297		5.25	2.55		7.80	180,359	102,187	46,516
Walnut								None	911,000	1.00	9,110	307	911,000			1.00		1.00	9,110	4,295	102
Waterford	288	11,964	16,839	29,085	.4	17.1	20.6	13.4	1,079,313	6.90	74,471	17,453	1,097,556	1.17	2.20	2.38		5.75	63,114	None	1,856
West Side		638	4,310	4,948		.8	6.5	3.2	1,238,971	5.75	71,241	4,310	1,818,806	1.26	2.59	1.90		5.75	70,081	36,416	6,304
West Stanislaus			5,173	5,173			4.3	4.3	2,206,308	4.00	88,252	6,274	2,197,227	.23	3.31	3.56		7.00	152,978	73,137	4,762
Woodbridge	74	300	763	1,137	.3	1.2	2.9	1.5	1,218,609	2.00	24,258	1,003	1,210,395	.48	1.40		.18	2.00	24,103	26,854	8,690
Totals	$1,074,842	$1,639,878	$2,221,707	$4,936,427					$239,152,526	$ 4.50	$10,886,583	$2,387,518	$283,793,854					$3.44	$9,762,464	$3,250,989	$ 2,062,080
Buena Vista Water Storage									$ 945,000	$ 11.50	$ 108,675	None	$ 945,000		$7.00	$3.50		10.50	$ 89,297	None	None
	$1,074,842	$1,639,878	$2,221,707	$ 4,936,427					$240,097,526	$ 4.33	$10,995,257	$2,387,518	$284,738,854					$3.46	$9,851,761	$3,150,989	$ 2,062,080

(1) James Irrigation District carries land acquired by tax deed on current assessment roll. From information obtained there is less than 10 acres of land in district not delinquent, therefore, the per cent delinquent is approximately 100.

Name of district	Number of bond issues	Date of bo	n of bonds sold		Bond payments due and not paid		Interest bearing warrants outstanding January 1, 1932[2]
			Paid	Outstanding	Principal	Interest[2]	
Alpaugh			$ 64,650	$ 218,350	None	None	None
	1	July 1, 1	64,650	218,350			
Alta			348,000	195,000	None	None	None
	1	Feb. 15, 1	50,500	500			
	1 Ref.	Feb. 4, 1	297,500	194,500			
Anderson-Cottonwood			114,000	1,141,000	$ 13,000	$ 44,785	None
	1	Jan. 1, 1	.....	480,000			
	2	July 1, 1	.....	575,000			
	3	July 1, 1	114,000	86,000	13,000		
Banta-Carbona			None	1,137,060	None	None	$ 34,535
	1	Aug. 1, 1	.....	705,000			
	2	Dec. 1, 1	.....	125,000			
	3	Jan. 1, 1	.....	307,060			
Baxter Creek[1]			None	511,000	112,000	191,670	
	1	July 1, 1	.....	511,000			
Beaumont			58,700	241,300	None	None	2,000
	1	Nov. 1, 1	55,200	174,800			
	2	July 1, 1	3,500	66,500			
Big Springs			6,000	61,000	5,000	None	381
	1	July 1, 1	6,000	61,000			
Browns Valley			140,000	None	None	None	250
	1		140,000	.....			
Butte Valley			None	594,000	None	(3)193,020	None
	1	Sept. 1, 1	.....	594,000			
Byron-Bethany			66,000	584,000	None	None	9,197
	1	Nov. 1, 1	66,000	484,000			
	2	Sept. 1, 1	.....	100,000			
Camp Far West			.....	179,000	None	None	None
	1	July 1, 1	.....	179,000			
Carmichael			27,900	92,100	None	None	None
	1	July 1, 1	27,900	62,100			
	2	Jan. 1, 1	.....	30,000			
Carpenter			None	200,000	None	None	None
	1	July 1, 1	.....	200,000			
Citrus Heights			42,000	173,000	None	None	None
	1	Aug. 1, 1	42,000	173,000			
Compton-Delevan			139,000	384,000	15,000	11,520	None
	1	Dec. 1,	139,000	103,000	15,000		
	1 Ref.	Jan. 1,	.....	281,000			

TABLE IV

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND OUTSTANDING WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS[1]

JANUARY 1, 1932

(Totals for each district underscored)

Name of district	Number of bond issues	Date of bonds	Range of maturities	Coupon rate, per cent	Status of bond issues January 1, 1932: Face value of all issues voted: Original	Face value of all issues voted: Refunding	Face value of all issues voted: Total	Disposition of bonds voted: Original issues: Canceled	Disposition of bonds voted: Original issues: Sold	Disposition of bonds voted: Refunding issues exchanged or sold	Disposition of bonds voted: Unsold, all issues	Disposition of bonds sold: Refunded	Disposition of bonds sold: Paid	Disposition of bonds sold: Outstanding	Bond payments due and not paid: Principal	Bond payments due and not paid: Interest[2]	Interest bearing warrants outstanding, January 1, 1932
Alpaugh							$ 283,000				None		$ 64,650	$ 218,350	None	None	None
	1	July 1, 1916	July 1, 1927-1946	6	$ 283,000		283,000		$ 283,000				64,650	218,350			
Alta							1,175,000				$ 140,000	$ 492,000	348,000	195,000	None	None	None
	1	Feb. 15, 1889		6	675,000		675,000		543,000		132,000	492,000	50,500	500			
	1 Ref.	Feb. 4, 1902	Jan. 1, 1923-1942	5		$ 500,000	500,000			$ 492,000	8,000		297,500	194,500			
Anderson-Cottonwood							1,255,000	None			None		114,000	1,141,000	$ 13,000	$ 44,785	None
	1	Jan. 1, 1916	Jan. 1, 1937-1956	6	480,000		480,000		480,000					480,000			
	2	July 1, 1917	July 1, 1938-1957	6	575,000		575,000		575,000					575,000			
	3	July 1, 1920	July 1, 1925-1934	6	200,000		200,000		200,000				114,000	86,000	13,000		
Banta-Carbona							1,164,000	None			26,940		None	1,137,060	None	None	$ 34,535
	1	Aug. 1, 1924	July 1, 1940-1964	6	705,000		705,000		705,000					705,000			
	2	Dec. 1, 1925	July 1, 1941-1965	6	125,000		125,000		125,000					125,000			
	3	Jan. 1, 1927	Jan. 1, 1948-1967	6	334,000		334,000		307,060		26,940			307,060			
Baxter Creek[1]							511,000	None			None		None	511,000	112,000	191,670	
	1	July 1, 1921	Jan. 1, 1926-1943	6	511,000		511,000		511,000					511,000			
Beaumont							300,000	None			None		58,700	241,300	None	None	2,000
	1	Nov. 1, 1920	Jan. 1, 1926-1944	6	230,000		230,000		230,000				55,200	174,800			
	2	July 1, 1926	July 1, 1931-1950	6	70,000		70,000		70,000				3,500	66,500			
Big Springs							69,000	None			2,000		6,000	61,000	5,000	None	381
	1	July 1, 1928	Jan. 1, 1930-1946	6	69,000		69,000		67,000		2,000		6,000	61,000			
Browns Valley							140,000	None			None		140,000	None	None	None	250
	1				140,000		140,000		140,000				140,000				
Butte Valley							594,000	None					None	594,000	None	(3)193,020	None
	1	Sept. 1, 1923	Jan. 1, 1944-1963	6	594,000		594,000		594,000					594,000			
Byron-Bethany							650,000	None			None		66,000	584,000	None	None	9,197
	1	Nov. 1, 1920	Jan. 1, 1924-1952	6	550,000		550,000		550,000				66,000	484,000			
	2	Sept. 1, 1923	July 1, 1933-1955	6	100,000		100,000		100,000					100,000			
Camp Far West							200,000	None			21,000			179,000	None	None	None
	1	July 1, 1927	July 1, 1937-1956	6	200,000		200,000		179,000		21,000			179,000			
Carmichael							120,000	None			None		27,900	92,100	None	None	None
	1	July 1, 1916	July 1, 1923-1942	6	90,000		90,000		90,000				27,900	62,100			
	2	Jan. 1, 1926	Jan. 1, 1933-1945	6	30,000		30,000		30,000					30,000			
Carpenter							200,000	None			None		None	200,000	None	None	None
	1	July 1, 1929	July 1, 1934-1953	6	200,000		200,000		200,000					200,000			
Citrus Heights							262,000	None			47,000		42,000	173,000	None	None	None
	1	Aug. 1, 1921	July 1, 1926-1945	6	262,000		262,000		215,000		47,000		42,000	173,000			
Compton-Delevan							959,000	$ 52,000			103,000	281,000	139,000	384,000	15,000	11,520	None
	1	Dec. 1, 1921	Jan. 1, 1922-1936	6	575,000		575,000	52,000	523,000	281,000		281,000	139,000	103,000	15,000		
	1 Ref.	Jan. 1, 1927	Jan. 1, 1937-1950	6		384,000	384,000				103,000			281,000			

Name of district	Number of bond issues	Date of bonds	Amount of bonds sold: Paid	Outstanding	Bond payments due and not paid: Principal	Interest[2]	Interest bearing warrants outstanding January 1, 1932
Consolidated			731,000	$ 119,000	None	None	None
	1	July 1, 19	666,000	109,000			
	2	July 1, 19	65,000	10,000			
Corcoran			20,000	740,000	None	None	$ 31,082
	1	Jan. 1, 19	20,000	740,000			
Cordua			None	258,000	$ 17,000	$ 7,740	457
	1	June 1, 19		120,000	12,000		
	2	June 1, 19		35,000	5,000		
	3 Ref.	June 1, 19		103,000			
Crooks Canyon[1]							
	1						
Deer Creek			7,500	17,500	None	None	None
	1	Sept. 1, 19	7,500	17,500			
East Contra Costa[6]			91,000	1,210,000	None	None	None
Brentwood	1	Jan. 1, 19		514,000			
Knightsen	1	July 1, 19	91,000	559,000			
Lone Tree	1	Mar. 1, 19		137,000			
El Camino	1	Nov. 1, 19		423,000	None	38,100	9,505
	1st Div.			275,000			
	2d Div.			28,000			
	3d Div.			120,000			
El Dorado			None	688,000	None	None	31,255
	1	Mar. 1, 19		688,000			
El Nido			None	90,000	None	None	None
	1	Jan. 1, 19		90,000			
Empire West Side							1,640
Fairoaks			52,000	108,000	None	None	None
	1	Oct. 1, 19	52,000	108,000			
Fallbrook							
Foothill			None	None	None	None	None
	1	Sept. 1, 19					
Fresno			,000,000	None	None	None	None
	1	Mar. 18, 19	750,000				
	2	Mar. 18, 19	250,000				
Glenn-Colusa			,029,350	1,374,800	None	None	34,421
	1	Oct. 1, 1	995,350	1,123,800			
	1 Ref.	Nov. 1, 1	34,000	251,000			
Grenada			104,000	136,000	None	None	None
	1	July 1, 1	104,000				
	1 Ref.	June 16, 1		136,000			
Hot Spring Valley			58,000	102,000	22,000	3,000	7,000
	1	May 1, 1	52,000	48,000	16,000		
	2	Oct. 15, 1	6,000	54,000	6,000		

TABLE IV (continued)

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND OUTSTANDING WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS[1]

JANUARY 1, 1932

(Totals for each district underscored)

Name of district	Number of bond issues	Date of bonds	Range of maturities	Coupon rate per cent	Status of bond issues January 1, 1932: Face value of all issues voted: Original	Face value of all issues voted: Refunding	Face value of all issues voted: Total	Disposition of bonds voted: Original issues: Canceled	Disposition of bonds voted: Original issues: Sold	Disposition of bonds voted: Refunding issues exchanged or sold	Disposition of bonds sold: Unsold, all issues	Disposition of bonds sold: Refunded	Disposition of bonds sold: Paid	Disposition of bonds sold: Outstanding	Bond payments due and not paid: Principal	Bond payments due and not paid: Interest[2]	Interest bearing warrants outstanding January 1, 1932
Consolidated							$ 850,000	None			None		$ 731,000	$ 119,000	None	None	None
	1	July 1, 1922	Jan. 1, 1924-1933	5½	$ 775,000		775,000		$ 775,000				666,000	109,000			
	2	July 1, 1922	Jan. 1, 1924-1933	5½	75,000		75,000		75,000				65,000	10,000			
Corcoran							760,000	None					20,000	740,000	None	None	$ 31,082
	1	Jan. 1, 1920	Jan. 1, 1931-1955	6	760,000		760,000		760,000				20,000	740,000			
Cordua							454,000	None			$ 94,000	$ 108,000	None	258,000	$ 17,000	$ 7,740	457
	1	June 1, 1920	July 1, 1925-1940	6	192,000		192,000		192,000			72,000		120,000	12,000		
	2	June 1, 1921	July 1, 1925-1940	6	75,000		75,000		65,000		10,000	30,000		35,000	5,000		
	3 Ref.	June 1, 1925	July 1, 1941-1951	6		$ 187,000	187,000			$ 103,000	84,000			103,000			
Crooks Canyon[1]							80,000	$ 80,000									
	1				80,000		80,000										
Deer Creek							25,000						7,500	17,500	None	None	None
	1	Sept. 1, 1927	July 1, 1929-1938	6	25,000		25,000		25,000				7,500	17,500			
East Contra Costa[6]							1,324,000	23,000			None		91,000	1,210,000	None	None	None
Brentwood	1	Jan. 1, 1924	Jan. 1, 1935-1954	6	514,000		514,000		514,000					514,000			
Knightsen	1	July 1, 1921	July 1, 1927-1946	6	650,000		650,000		650,000				91,000	559,000			
Lone Tree	1	Mar. 1, 1922	Jan. 1, 1928-1947	6	160,000		160,000	23,000	137,000					137,000			
El Camino							430,000	None			7,000			423,000	None	38,100	9,505
	1st Div.		Jan. 1, 1937-1956	6	275,000		275,000		275,000					275,000			
	2d Div.		Jan. 1, 1940-1952	6	28,000		28,000		28,000					28,000			
	3d Div.		Jan. 1, 1940-1956	6	127,000		127,000		120,000		7,000			120,000			
El Dorado							1,300,000	None			612,000		None	688,000	None	None	31,255
	1	Mar. 1, 1927	Jan. 1, 1948-1967	6	1,300,000		1,300,000		688,000		612,000			688,000			
El Nido							135,000	None			45,000		None	90,000	None	None	None
	1	Jan. 1, 1931	Jan. 1, 1934-1951	6	135,000		135,000		90,000		45,000			90,000			
Empire West Side																	1,640
Fairoaks							200,000	None			40,000		52,000	108,000	None	None	None
	1	Oct. 1, 1918	July 1, 1924-1943	6	200,000		200,000		160,000		40,000		52,000	108,000			
Fallbrook																	
Foothill							2,270,000	None			2,270,000		None	None	None	None	None
	1	Sept. 1, 1927	July 1, 1948-1967	6	2,270,000		2,270,000				2,270,000						
Fresno							2,000,000	None			None		2,000,000	None	None	None	None
	1	Mar. 18, 1921	Jan. 1, 1923-1932	6	1,750,000		1,750,000		1,750,000				1,750,000				
	2	Mar. 18, 1921	Jan. 1, 1923-1932	6	250,000		250,000		250,000				250,000				
Glenn-Colusa							2,887,000	182,850			15,000	285,000	1,089,350	1,374,800	None	None	34,421
	1	Oct. 1, 1920	Jan. 1, 1922-1941	6	2,587,000		2,587,000	182,850	2,404,150			285,000	955,350	1,123,800			
	1 Ref.	Nov. 1, 1924	Jan. 1, 1935-1941	6		300,000	300,000			285,000	15,000		34,000	251,000			
Grenada							376,000	None			None	136,000	104,000	136,000	None	None	None
	1	July 1, 1921	July 1, 1926-1940	6	240,000		240,000		240,000			136,000	104,000				
	1 Ref.	June 16, 1931	July 1, 1938-1970	6		136,000	136,000			136,000				136,000			
Hot Spring Valley							160,000	None			None		58,000	102,000	22,000	3,000	7,000
	1	May 1, 1920	Jan. 1, 1923-1936	6	100,000		100,000		100,000				52,000	48,000	16,000		
	2	Oct. 15, 1921	Jan. 1, 1927-1939	6	60,000		60,000		60,000				6,000	54,000	6,000		

Name of district	Number of bond issues	Date of bo	of bonds sold		Bond payments due and not paid		Interest bearing warrants outstanding: January 1, 1932
			aid	Outstanding:	Principal:	Interest[2]	
Imperial			450,000:	$14,550,000:	None:	None:	$766,811:
	1	Jan. 1, 19	....:	3,500,000:			
	2	July 1, 19	....:	2,500,000:			
	3	Oct. 1, 19	450,000:	1,050,000:			
	4	July 1, 19	....:	7,500,000:			
Jacinto			81,000:	157,000:	None:	None:	None
	1	Dec. 1, 19	81,000:	157,000:			
James			5,000:	995,000:	$ 245,000:	$303,240:	120:
	1	May 15, 19	5,000:	995,000:	245,000:		
La Canada			None	328,000:	None:	None:	None
	1	July 1, 19	....:	154,000:			
	2	July 1, 19	....:	174,000:			
Ladera			....:	None	None:	None:	None
			....:	....:			
Laguna			238,500:	26,500:	None:	None:	None
	1	July 1, 19	238,500:	26,500:			
Lakeside			....:	35,000:	None:	None:	7,000:
	1	Feb. 1, 19	....:	35,000:			
La Mesa, Lemon Grove and Spring Valley			10,000:	2,056,000:	None:	51,021:	8,0[illegible]
	1	July 1, 19	10,000:	56,000:			
	2	Jan. 1, 19	....:	2,000,000:			
Lindsay-Strathmore			136,000:	1,514,000:	None:	None	85,554:
	1	July 1, 19	126,000:	1,274,000:			
	2	Oct. 1, 19	10,000:	240,000:			
Little Rock Creek			8,000:	360,000:	6,000:	51,000:	None
	3	July 1, 19	....:	60,000:			
	4	Jan. 16, 19	....:	200,000:			
	5	May 1, 19	8,000:	40,000:	6,000:		
	6	Jan. 1, 19	....:	60,000:			
Madera			200,000:	None	None	None	None
	1		....:	....:			
	1st Div:	Oct. 1, 19	200,000:	....:			
Maxwell			260,000:	....:			
	1	Sept. 15, 19	260,000:	....:			
Merced			None	16,250,000:	None	213,660:	None
	1 1st Div:	Jan. 1, 19	....:	3,120,000:			
	2 2d Div:	Jan. 1, 19	....:	1,800,000:			
	1 3d Div:	Jan. 1, 19	....:	1,420,000:			
	1 4th Div:	Jan. 1, 19	....:	5,660,000:			
	2	May 1, 19	....:	3,250,000:			
	3	April 1, 19	....:	1,000,000:			

TABLE IV (continued)

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND OUTSTANDING WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS[1]

JANUARY 1, 1932

(Totals for each district underscored)

Name of district	Number of bond issues	Date of bonds	Range of maturities	Coupon rate per cent	Status of bond issues January 1, 1932: Face value of all issues voted: Original	Refunding	Total	Disposition of bonds voted: Original issues: Canceled	Sold	Refunding issues exchanged or sold	Disposition of bonds sold: Unsold, all issues	Refunded	Paid	Outstanding	Bond payments due and not paid: Principal	Interest[2]	Interest bearing warrants outstanding January 1, 1932
Imperial							$16,000,000	None			None		$1,450,000	$14,550,000	None	None	$766,811
	1	Jan. 1, 1915	Jan. 1, 1936-1955	5	$ 3,500,000		3,500,000		$ 3,500,000					3,500,000			
	2	July 1, 1917	July 1, 1938-1957	5	2,500,000		2,500,000		2,500,000					2,500,000			
	3	Oct. 1, 1919	July 1, 1925-1934	5½	2,500,000		2,500,000		2,500,000				1,450,000	1,050,000			
	4	July 1, 1922	July 1, 1935-1956	6	7,500,000		7,500,000		7,500,000					7,500,000			
Jacinto							238,000	None			None		81,000	157,000	None	None	None
	1	Dec. 1, 1920	Jan. 1, 1923-1942	6	238,000		238,000		238,000				81,000	157,000			
James							1,000,000	None			None		5,000	995,000	$ 245,000	$303,240	120
	1	May 15, 1920	Jan. 1, 1928-1947	6	1,000,000		1,000,000		1,000,000				5,000	995,000	245,000		
La Canada							328,000	None			None		None	328,000	None	None	None
	1	July 1, 1925	July 1, 1936-1960	5	154,000		154,000		154,000					154,000			
	2	July 1, 1928	July 1, 1949-1968	5	174,000		174,000		174,000					174,000			
Ladera							200,000	None			$ 200,000			None	None	None	None
					200,000		200,000				200,000						
Laguna							265,000	None			None		238,500	26,500	None	None	None
	1	July 1, 1921	July 1, 1923-1932	6	265,000		265,000		265,000				238,500	26,500			
Lakeside							35,000	None			None			35,000	None	None	7,000
	1	Feb. 1, 1925	Jan. 1, 1946-1965	6	35,000		35,000		35,000					35,000			
La Mesa, Lemon Grove and Spring Valley							3,732,500	$ 1,166,500			500,000		10,000	2,056,000	None	51,021	2,07[illegible]
	1	July 1, 1914	June 30,1935-1939	6	1,232,500	1,166,500	66,000						10,000	56,000			
	2	Jan. 1, 1925	Jan. 1,1946-1965	6	2,500,000		2,500,000		2,000,000		500,000			2,000,000			
Lindsay-Strathmore							1,650,000	None			None		136,000	1,514,000	None	None	85,594
	1	July 1, 1916	July 1, 1927-1946	6	1,400,000		1,400,000		1,400,000				126,000	1,274,000			
	2	Oct. 1, 1918	Oct. 1, 1929-1948	6	250,000		250,000		250,000				10,000	240,000			
Little Rock Creek							368,000	None			None		8,000	360,000	6,000	51,000	None
	3	July 1, 1914	Jan. 1, 1934-1954	5	60,000		60,000		60,000					60,000			
	4	Jan. 16, 1920	Jan. 1, 1941-1960	6	200,000		200,000		200,000					200,000			
	5	May 1, 1921	Jan. 1, 1925-1942	6	48,000		48,000		48,000				8,000	40,000	6,000		
	6	Jan. 1, 1925	Jan. 1, 1941-1960	6	60,000		60,000		60,000					60,000			
Madera							28,000,000	None			27,800,000		200,000	None	None	None	None
	1				27,800,000		27,800,000				27,800,000						
	1st Div	Oct. 1, 1921	July 1, 1927-1928	6	200,000		200,000		200,000				200,000				
Maxwell							260,000	None			None		260,000				
	1	Sept. 15, 1918	Jan. 1, 1922-1941	6	260,000		260,000		260,000				260,000				
Merced							16,250,000	None			None		None	16,250,000	None	213,660	None
	1 1st Div	Jan. 1, 1922	Jan. 1, 1933-1950	6	3,120,000		3,120,000		3,120,000					3,120,000			
	2 2d Div	Jan. 1, 1922	Jan. 1, 1951-1953	5½	1,800,000		1,800,000		1,800,000					1,800,000			
	1 3d Div	Jan. 1, 1922	Jan. 1, 1954-1955	5½	1,420,000		1,420,000		1,420,000					1,420,000			
	1 4th Div	Jan. 1, 1922	Jan. 1, 1956-1962	6	5,660,000		5,660,000		5,660,000					5,660,000			
	2	May 1, 1924	Jan. 1, 1937-1964	6	3,250,000		3,250,000		3,250,000					3,250,000			
	3	April 1, 1926	Jan. 1, 1965-1966	5½	1,000,000		1,000,000		1,000,000					1,000,000			

Name of district	Number of bond issues	Date of bon	f bonds sold: aid	f bonds sold: Outstanding	Bond payments due and not paid: Principal	Bond payments due and not paid: Interest[2]	Interest bearing warrants outstanding January 1, 1932
Modesto			788,556	$ 4,067,455	None	None	None
	Orig.			500			
	1 Ref.	May 1, 19	547,256	463,255			
	2	Jan. 1, 19	18,000				
	2 Ref.	Jan. 5, 19	137,300	194,700			
	3	July 1, 19	34,500	165,500			
	4	Jan. 1, 19	3,500	46,500			
	5	July 1, 19		500,000			
	6	July 1, 19		110,000			
	7	July 1, 19	24,000	1,156,000			
	8	July 1, 19	3,600	178,000			
	9	July 1, 19	3,000	147,000			
	10	July 1, 19	4,000	186,000			
	11	July 1, 19	5,400	293,000			
	12	Oct. 1, 19	6,000	129,000			
	13	Jan. 1, 19	2,000	498,000			
	14	Jan. 1, 19					
Mojave River[1]				None			None
	1st Div.	Aug. 15, 19					
	2d Div.	Jan. 1, 19					
Montague[7]			None	1,395,000	None	$(4)62,223	None
	1	Jan. 1, 19		1,395,000			
Naglee-Burk			9,000	186,000	None	None	$ 7,325
	1	Oct. 1, 19	9,000				
	1 Ref.	July 1, 19		186,000			
Nevada			None	8,058,000	None	443,190	4,110
	1 1st Div.	July 1, 19		6,000,000			
	1 2d Div.	July 1, 19		1,250,000			
	2	July 1, 19		808,000			
	Refunding						
Newport Heights			None	160,000	None	None	None
	1	Jan. 1, 19		160,000			
Newport Mesa			None	50,000	None	None	None
	1	Jan. 1, 19		50,000			
Oakdale			310,000	3,365,000	None	None	None
	1	July 1, 19	80,000	1,520,000			
	2	Jan. 1, 19		400,000			
	3	July 1, 19		400,000			
	4	Jan. 1, 19	175,000				
	5	June 21, 19	55,000	1,045,000			
Oroville-Wyandotte			None	1,095,000	None	22,530	61,125
	1	Jan. 1, 19		1,095,000			
Owens Valley[1]				471,500		142,629	700
	1	Jan. 1, 19					

TABLE IV (continued)

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND OUTSTANDING WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS[1]

JANUARY 1, 1932

(Totals for each district underscored)

Name of district	Number of bond issues	Date of bonds	Range of maturities	Coupon rate, per cent	Status of bond issues January 1, 1932: Face value of all issues voted: Original	Refunding	Total	Disposition of bonds voted: Original issues: Canceled	Sold	Refunding issues exchanged or sold	Disposition of bonds sold: Unsold, all issues	Refunded	Paid	Outstanding	Bond payments due and not paid: Principal	Interest[2]	Interest bearing warrants outstanding January 1, 1932
Modesto							$ 6,480,022				$ 282,000	$1,342,011	$ 788,556	$ 4,067,455	None	None	None
	Orig.				$ 1,342,511		1,342,511		$ 1,342,511			1,342,011		500			
	1 Ref.	May 1, 1902	Jan. 1, 1923-1942	5		$ 1,056,511	1,056,511			$1,010,511	46,000		547,256	463,255			
	2	Jan. 1, 1903	Jan. 1, 1914-1923	6	18,000		18,000		18,000					18,000			
	2 Ref.	Jan. 5, 1904	Jan. 1, 1925-1944	5		332,000	332,000			332,000			137,300	194,700			
	3	July 1, 1909	July 1, 1930-1939	5	200,000		200,000		200,000				34,500	165,500			
	4	Jan. 1, 1911	Jan. 1, 1932-1941	5	50,000		50,000		50,000				3,500	46,500			
	5	July 1, 1914	July 1, 1935-1954	6	500,000		500,000		500,000					500,000			
	6	July 1, 1914	July 1, 1935-1954	6	110,000		110,000		110,000					110,000			
	7	July 1, 1920	July 1, 1931-1950	6	1,180,000		1,180,000		1,180,000				24,000	1,156,000			
	8	July 1, 1920	July 1, 1931-1950	6	181,600		181,600		181,600				3,600	178,000			
	9	July 1, 1920	July 1, 1931-1950	6	150,000		150,000		150,000				3,000	147,000			
	10	July 1, 1920	July 1, 1931-1950	6	190,000		190,000		190,000				4,000	186,000			
	11	July 1, 1920	July 1, 1931-1950	6	298,400		298,400		298,400				5,400	293,000			
	12	Oct. 1, 1923	July 1, 1934-1953	5	135,000		135,000		135,000				6,000	129,000			
	13	Jan. 1, 1924	July 1, 1944-1953	5	500,000		500,000		500,000				2,000	498,000			
	14	Jan. 1, 1927	Jan. 1, 1942-1951	5	236,000		236,000				236,000						
Mojave River[1]					5,600,000		5,600,000	None			5,600,000			None			No re
	1st Div.	Aug. 15, 1922	Jan. 1, 1933	6													
	2d Div.	Jan. 1, 1924	Jan. 1, 1935-1954	6													
Montague[7]							1,395,000	None					None	1,395,000	None	$(4)62,223	None
	1	Jan. 1, 1926	Jan. 1, 1947-1966	6	1,395,000		1,395,000		1,395,000					1,395,000			
Naglee-Burk							392,000	None			11,000	186,000	9,000	186,000	None	None	$ 7,325
	1	Oct. 1, 1921	July 1, 1926-1940	6	200,000		200,000		195,000	186,000	5,000		9,000				
	1 Ref.	July 1, 1927	July 1, 1933-1967	6		192,000	192,000				6,000	186,000		186,000			
Nevada							17,942,000	None			9,834,000		None	8,058,000	None	443,190	4,110
	1 1st Div.	July 1, 1925	July 1, 1936-1965	5½	6,000,000		6,000,000		6,000,000					6,000,000			
	1 2d Div.	July 1, 1926	July 1, 1933-1962	5½	1,250,000		1,250,000		1,250,000					1,250,000			
	2	July 1, 1928	July 1, 1949-1962	5½	2,592,000		2,592,000		808,000		1,784,000			808,000			
	Refunding		Sinking fund-1981			8,100,000	8,100,000				8,100,000						
Newport Heights							160,000	None					None	160,000	None	None	None
	1	Jan. 1, 1910	July 1, 1941-1960	6	160,000		160,000		160,000					160,000			
Newport Mesa							50,000	None					None	50,000	None	None	None
	1	Jan. 1, 1919	July 1, 1940-1959	6	50,000		50,000		50,000					50,000			
Oakdale							3,675,000	None			None		310,000	3,365,000	None	None	None
	1	July 1, 1910	July 1, 1931-1940	5	1,600,000		1,600,000		1,600,000				80,000	1,520,000			
	2	Jan. 1, 1913	Jan. 1, 1934-1943	5	400,000		400,000		400,000					400,000			
	3	July 1, 1915	July 1, 1936-1955	6	400,000		400,000		400,000					400,000			
	4	Jan. 1, 1924	Jan. 1, 1925-1931	5½	175,000		175,000		175,000				175,000				
	5	June 21, 1925	Jan. 1, 1927-1965	5	1,100,000		1,100,000		1,100,000				55,000	1,045,000			
Oroville-Wyandotte							2,000,000	None			905,000		None	1,095,000	None	22,530	61,125
	1	Jan. 1, 1923	Jan. 1, 1944-1963	6	2,000,000		2,000,000		1,095,000		905,000			1,095,000			
Owens Valley[1]							1,650,000	None			1,178,500			471,500		142,629	700
	1	Jan. 1, 1924	Jan. 1, 1940-1959	5½	1,650,000		1,650,000		471,500								

Name of district	Number of bond issues	Date of	n of bonds sold: Paid	n of bonds sold: Outstanding	Bond payments due and not paid: Principal	Bond payments due and not paid: Interest[2]	Interest bearing warrants outstanding: January 1, 1932
Palmdale			None	$ 445,000	None	$ 173,550	$ 23,468
	1	May 16,		382,000			
	2	May 1,		63,000			
	3	June 1,					
Palo Verde[8]			$ 500,000	4,200,330	$ 82,000	448,875	78,738
Mutual Water Company	1	Feb. 1,	240,000	170,000			
Levee District	1	May 1,	224,000	933,951	64,000		
Levee District	2	Nov. 1,	36,000	308,379	18,000		
Drainage District	1	Dec. 1,		850,000			
Irrigation District	1 1st Div	Sept. 1,		1,650,000			
Irrigation District	1 2d Div	Sept. 1,		75,000			
Irrigation Dist.(9)	2 Ref.	Sept. 1,		213,000			
Paradise			11,000	479,000	None	2,655	None
	1	May 1,		350,000			
	2	July 1,	11,000	129,000			
Potter Valley			None	97,000	None	None	None
	1	July 1,		97,000			
Princeton-Codora-Glenn			None	175,000	None	None	4,883
	1	July 1,		175,000			
Provident			192,000	998,000	36,000	55,575	None
	1	Aug. 15,	14,000	986,000	31,000		
	2	Aug. 9,	178,000	12,000	5,000		
Ramona			None	91,000	None	None	3,000
	1	July 1,		91,000			
Red Rock Creek[1]				None			
	1 1st Div	Jan. 1,					
	1						
Richvale			None	515,000	None	None	None
	1			515,000			
Riverdale			89,000	34,000	None	None	None
	1	Oct. 1,	89,000	34,000			
San Dieguito			27,000	373,000	None	None	None
	1	April 1,	27,000	373,000			
Santa Fe			None	700,000	None	None	None
	1	Nov. 1,		700,000			
San Ysidro			None	25,000	None	None	19,759
	1	Jan. 1,		25,000			
Scott Valley			56,000	69,000			
	1	July 1,	56,000				
	1 Ref.			69,000			
Serrano			None	200,000	None	None	None
	1	July 1,		200,000			

TABLE IV (continued)

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND OUTSTANDING WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS[1]

JANUARY 1, 1932

(Totals for each district underscored)

Name of district	Number of bond issues	Date of bonds	Range of maturities	Coupon rate per cent	Status of bond issues January 1, 1932: Face value of all issues voted: Original	Refunding	Total	Disposition of bonds voted: Original issues: Canceled	Sold	Refunding issues exchanged or sold	Unsold, all issues	Disposition of bonds sold: Refunded	Paid	Outstanding	Bond payments due and not paid: Principal	Interest[2]	Interest bearing warrants outstanding: January 1, 1932
Palmdale							$ 545,000	None			$ 100,000		None	$ 445,000	None	$ 173,550	$ 23,468
	1	May 16, 1920	Jan. 1, 1941-1960	6	$ 382,000		382,000		$ 382,000					382,000			
	2	May 1, 1921	Jan. 1, 1933-1942	6	63,000		63,000		63,000					63,000			
	3	June 1, 1925	Jan. 1, 1941-1960	6	100,000		100,000				100,000						
Palo Verde[8]							6,507,330	$ 32,000			1,562,000	$ 213,000	$ 500,000	4,200,330	$ 82,000	448,875	78,738
Mutual Water Company	1	Feb. 1, 1916	Feb. 1, 1922-1935	6	500,000		500,000		500,000			90,000	240,000	170,000			
Levee District	1	May 1, 1918	May 1, 1919-1958	6½	1,285,951		1,285,951	32,000	1,253,951			96,000	224,000	933,951	64,000		
Levee District	2	Nov. 1, 1922	Nov. 1, 1923-1962	6½	371,379		371,379		371,379			27,000	36,000	308,379	18,000		
Drainage District	1	Dec. 1, 1921	Jan. 1, 1933-1942	6	850,000		850,000		850,000					850,000			
Irrigation District	1 1st Div	Sept. 1, 1925	July 1, 1937-1955	6	3,114,000		3,114,000		1,650,000					1,650,000			
Irrigation District	1 2d Div	Sept. 1, 1925	July 1, 1938-1955	6	173,000		173,000		75,000					75,000			
Irrigation Dist.(9)	2 Ref.	Sept. 1, 1925	July 1, 1937-1955	6		$ 213,000	213,000			$213,000				213,000			
Paradise							490,000	None			None		11,000	479,000	None	2,655	None
	1	May 1, 1917	May 1, 1938-1957	6	350,000		350,000		350,000					350,000			
	2	July 1, 1920	July 1, 1925-1956	6	140,000		140,000		140,000				11,000	129,000			
Potter Valley							100,000	None			3,000		None	97,000	None	None	None
	1	July 1, 1928	July 1, 1933-1952	5½	100,000		100,000		97,000		3,000			97,000			
Princeton-Codora-Glenn							175,000	None			None		None	175,000	None	None	4,883
	1	July 1, 1918	July 1, 1939-1958	6	175,000		175,000		175,000					175,000			
Provident							1,190,000	None			None		192,000	998,000	36,000	55,575	None
	1	Aug. 15, 1918	Aug. 15,1930-1949	6	1,000,000		1,000,000		1,000,000				14,000	986,000	31,000		
	2	Aug. 9, 1921	July 1, 1922-1933	6	190,000		190,000		190,000				178,000	12,000	5,000		
Ramona							91,000	None			None		None	91,000	None	None	3,000
	1	July 1, 1926	July 1, 1947-1966	6	91,000		91,000		91,000					91,000			
Red Rock Creek[1]							442,160				442,160			None			
	1 1st Div	Jan. 1, 1926	Jan. 1, 1947-1966	6	175,000		175,000				175,000						
	1				267,160		267,160				267,160						
Richvale							515,000	None			None		None	515,000	None	None	None
	1		1937-1970	6	515,000		515,000		515,000					515,000			
Riverdale							123,000	None			None		89,000	34,000	None	None	None
	1	Oct. 1, 1922	July 1, 1925-1933	6	123,000		123,000		123,000				89,000	34,000			
San Dieguito							400,000	None			None		27,000	373,000	None	None	None
	1	April 1, 1923	Jan. 1, 1931-1950	6	400,000		400,000		400,000				27,000	373,000			
Santa Fe							700,000	None			None		None	700,000	None	None	None
	1	Nov. 1, 1923	July 1, 1933-1952	6	700,000		700,000		700,000					700,000			
San Ysidro							25,000	None			None		None	25,000	None	None	19,758
	1	Jan. 1, 1913	Jan. 1, 1934-1943	5	25,000		25,000		25,000					25,000			
Scott Valley							194,000	None			None	69,000	56,000	69,000			
	1	July 1, 1920	July 1, 1923-1937	6	125,000		125,000		125,000			69,000	56,000				
	1 Ref.		Jan. 1, 1933-1947	6		69,000	69,000			69,000				69,000			
Serrano							200,000	None			None		None	200,000	None	None	None
	1	July 1, 1929	July 1, 1934-1953	6	200,000		200,000		200,000					200,000			

Name of district	Number of bond issues	Date of b	n of bonds sold		Bond payments due and not paid		Interest bearing warrants outstanding January 1, 1932
			Paid	Outstanding	Principal	Interest[2]	
South Montebello			$ 43,500	$ 81,500			
	1	June 30, 1	43,500	81,500			
South San Joaquin			148,750	5,836,250	None	None	$ 165,493
	1	July 1, 1	93,750	1,781,250			
	2	April 18,1		1,170,000			
	3	July 1, 1		790,000			
	4	Sept. 1, 1		500,000			
	5	Nov. 6, 1		550,000			
	6	June 21, 1	55,000	1,045,000			
Stinson			None	360,000	$ 14,400	$54,702	30,902
	1	Apr. 1, 1		360,000	14,400		
Table Mountain			None	187,000	None	11,340	1,845
	1	July 1, 1		125,000			
	2	Mar. 1, 1		62,000			
Terra Bella			125,000	875,000	32,000	78,750	None
	1	Nov. 1, 1	125,000	875,000	32,000	78,750	
Thermalito			None	320,000	None	None	11,905
	1	Mar. 1, 1		270,000			
	2	May 1, 1		50,000			
Tracy-Clover			None	52,170	None	None	500
	1	May 1, 1		52,170			
Tranquillity			10,000	250,000	6,000	27,335	16,663
	1	Jan. 1, 1	10,000	250,000	6,000	27,335	
Tulare			500,000	None	None	None	None
	1		500,000				
Tule				806,000	172,000	331,940	
	1	July 1, 1		806,000			
Turlock			181,600	6,732,200	None	None	None
	Original		44,000				
	1 Ref.	July 1, 1	660,000	496,000			
	1	Jan. 1, 1	112,100	87,900			
	2	July 1, 1	5,000	95,000			
	3	Jan. 1, 1	60,700	1,145,300			
	4	July 1, 1		2,570,000			
	5	July 1, 1		1,028,000			
	6	July 1, 1		510,000			
	7	Jan. 1, 1	300,000	200,000			
	8	Dec. 31, 1		600,000			
Vandalia			30,450	179,550	None	None	None
	1	Apr. 1, 1	30,450	179,550			
Vista			None	1,700,000	None	None	None
	1	Jan. 1, 1		1,700,000			

TABLE IV (continued)

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND OUTSTANDING WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS[1]

JANUARY 1, 1932

(Totals for each district underscored)

Name of district	Number of bond issues	Date of bonds	Range of maturities	Coupon rate per cent	Status of bond issues January 1, 1932: Face value of all issues voted: Original	Face value of all issues voted: Refunding	Face value of all issues voted: Total	Disposition of bonds voted: Original issues: Canceled	Disposition of bonds voted: Original issues: Sold	Disposition of bonds voted: Refunding issues exchanged or sold	Disposition of bonds sold: Unsold, all issues	Disposition of bonds sold: Refunded	Disposition of bonds sold: Paid	Disposition of bonds sold: Outstanding	Bond payments due and not paid: Principal	Bond payments due and not paid: Interest[2]	Interest bearing warrants outstanding January 1, 1932
South Montebello							$ 125,000	None			None		$ 43,500	$ 81,500			
	1	June 30, 1923	Jan. 1, 1926-1945	6	$ 125,000		125,000		$ 125,000				43,500	81,500			
South San Joaquin							5,985,000	None			None		148,750	5,836,250	None	None	$ 165,493
	1	July 1, 1910	July 1, 1931-1940	5	1,875,000		1,875,000		1,875,000				93,750	1,781,250			
	2	April 18,1913	April 18,1934-1942	5	1,170,000		1,170,000		1,170,000					1,170,000			
	3	July 1, 1913	July 1, 1934-1943	5	790,000		790,000		790,000					790,000			
	4	Sept. 1, 1919	Sept.1, 1940-1959	5½	500,000		500,000		500,000					500,000			
	5	Nov. 6, 1923	July 1, 1944-1963	5½	550,000		550,000		550,000					550,000			
	6	June 21, 1925	Jan. 1, 1927-1965	5	1,100,000		1,100,000		1,100,000				55,000	1,045,000			
Stinson							360,000	None			None		None	360,000	$ 14,400	$54,702	30,902
	1	Apr. 1, 1923	Jan. 1, 1931-1950	6	360,000		360,000		360,000					360,000	14,400		
Table Mountain							187,000	None			None		None	187,000	None	11,340	1,845
	1	July 1, 1923	July 1, 1941-1963	6	125,000		125,000		125,000					125,000			
	2	Mar. 1, 1927	Jan. 1, 1948-1967	6	62,000		62,000		62,000					62,000			
Terra Bella							1,000,000	None			None		125,000	875,000	32,000	78,750	None
	1	Nov. 1, 1916	Nov. 1, 1927-1946	6	1,000,000		1,000,000		1,000,000				125,000	875,000	32,000	78,750	
Thermalito							320,000	None			None		None	320,000	None	None	13,905
	1	Mar. 1, 1923	Jan. 1, 1934-1953	6	270,000		270,000		270,000					270,000			
	2	May 1, 1926	Jan. 1, 1947-1966	6	50,000		50,000		50,000					50,000			
Tracy-Clover							52,170	None			None		None	52,170	None	None	500
	1	May 1, 1923	Jan. 1, 1939-1963	6	52,170		52,170		52,170					52,170			
Tranquillity							260,000				None		10,000	250,000	6,000	27,335	16,663
	1	Jan. 1, 1920	Jan. 1, 1924-1955	5½	260,000		260,000		260,000				10,000	250,000	6,000	27,335	
Tulare							500,000						500,000	None	None	None	None
	1				500,000		500,000		500,000				500,000				
Tule							806,000	None			None			806,000	172,000	331,940	
	1	July 1, 1921	Jan. 1, 1926-1943	6	806,000		806,000		806,000					806,000			
Turlock							9,114,000				$ 44,000	$1,156,000	1,181,800	6,732,200	None	None	None
	Original				1,200,000		1,200,000					1,156,000	44,000				
	1 Ref.	July 1, 1902	Jan. 1, 1922-1942	5		$ 1,200,000	1,200,000			$1,156,000	$ 44,000		660,000	496,000			
	1	Jan. 1, 1905	Jan. 1, 1926-1935	5	200,000		200,000		200,000				112,100	87,900			
	2	July 1, 1910	July 1, 1931-1940	5	100,000		100,000		100,000				5,000	95,000			
	3	Jan. 1, 1911	Jan. 1, 1932-1941	5	1,206,000		1,206,000		1,206,000				60,700	1,145,300			
	4	July 1, 1920	July 1, 1936-1951	6	2,570,000		2,570,000		2,570,000					2,570,000			
	5	July 1, 1920	July 1, 1936-1951	6	1,028,000		1,028,000		1,028,000					1,028,000			
	6	July 1, 1920	July 1, 1941-1960	5½	510,000		510,000		510,000					510,000			
	7	Jan. 1, 1924	Jan. 1, 1927-1936	5	500,000		500,000		500,000				300,000	200,000			
	8	Dec. 31, 1926	July 1, 1932-1946	5	600,000		600,000		600,000					600,000			
Vandalia							210,000	None			None		30,450	179,550	None	None	None
	1	Apr. 1, 1924	Jan. 1, 1928-1947	6	210,000		210,000		210,000				30,450	179,550			
Vista							1,700,000	None			None		None	1,700,000	None	None	None
	1	Jan. 1, 1925	Jan. 1, 1946-1965	6	1,700,000		1,700,000		1,700,000					1,700,000			

Name of district	Number of bond issues	Date of	n of bonds sold		Bond payments due and not paid		Interest bearing warrants outstanding January 1, 1932
			Paid	Outstanding	Principal	Interest[2]	
Waterford							
	1	Oct. 1, 1	$ 33,075	$ 636,925	$ 18,950	$ 15,501	None
	2	July 1, 1	18,600	446,400	13,950		
			14,475	190,525	5,000		
West Side							
	1	Jan. 1, 1	40,000	518,500	5,000	None	$ 47,195
	2	July 1, 1	.....	295,000			
	3	Jan. 1, 1	.....	100,000			
	4	Feb. 1, 1	40,000	110,000	5,000		
			.....	13,500			
West Stanislaus							
	1	July 1, 1	None	1,175,000	None	None	47,402
			.....	1,175,000			
Williams[5]							
	1	July 1, 1	20,000	565,000	36,000	184,080	
	2 1st Div. Ref.	Jan. 1, 1	20,000	54,000	36,000		
	2 2d Div.	Jan. 1, 1	.....	379,000			
	3	June 1, 1	.....	115,000			
			.....	17,000			
Woodbridge							
	1	Mar. 1, 1	15,000	310,000	None	None	None
			15,000	310,000			
TOTALS			,617,731	$95,052,990	$ 837,350	$3,163,631	$1,476,307
Buena Vista Water Storage							
	1	July 1, 19	None	$ 942,731	None	None	$ 68,374
			.....	$ 942,731			

1. Summary contains data on Baxter Creek, Cro
2. Does not include interest on bonds after d
3. Interest payments due from July 1, 1927, t
4. Special arrangements in effect between dis
5. By agreement, bonds or Williams irrigation
6. East Contra Costa irrigation district form
7. Organized as an irrigation district, but n
8. Includes Levee district, Drainage district
9. Palo Verde issued and sold $213,000 of ref

partially active.

t only.

evee district bonds, second issue Levee district bonds.

TABLE IV (continued)

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND OUTSTANDING WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS[1]

JANUARY 1, 1932

(Totals for each district underscored)

Name of district	Number of bond issues	Date of bonds	Range of maturities	Coupon rate, per cent	Status of bond issues January 1, 1932											Interest bearing warrants outstanding January 1, 1932
					Face value of all issues voted			Disposition of bonds voted			Disposition of bonds sold			Bond payments due and not paid		
					Original	Refunding	Total	Original issues: Canceled	Original issues: Sold	Refunding issues exchanged or sold	Unsold, all issues	Refunded	Paid	Outstanding	Principal	Interest[2]
Waterford							$ 670,000	None					$ 33,075	$ 636,925	$ 18,950	$ 15,501	None
	1	Oct. 1, 1916	Oct. 1, 1927-1946	6	$ 465,000		465,000		$ 465,000		None		18,600	446,400	13,950		
	2	July 1, 1919	July 1, 1927-1946	5½	205,000		205,000		205,000				14,475	190,525	5,000		
West Side							595,000	None			$ 36,500		40,000	518,500	5,000	None	$ 47,195
	1	Jan. 1, 1917	Jan. 1, 1938-1957	6	295,000		295,000		295,000					295,000			
	2	July 1, 1918	July 1, 1939-1958	6	100,000		100,000		100,000					100,000			
	3	Jan. 1, 1920	Jan. 1, 1930-1939	6	150,000		150,000		150,000				40,000	110,000	5,000		
	4	Feb. 1, 1929	Jan. 1, 1950-1969	6	50,000		50,000		13,500		36,500			13,500			
West Stanislaus							1,216,376	$ 376			41,000		None	1,175,000	None	None	47,442
	1	July 1, 1927	July 1, 1932-1957	6	1,216,376		1,216,376	376	1,175,000		41,000			1,175,000			
Williams[5]							1,198,000	None			234,000	$379,000	20,000	565,000	36,000	184,080	
	1	July 1, 1921	Jan. 1, 1923-1937	6	600,000		600,000		453,000		147,000	379,000	20,000	54,000	36,000		
	2 1st Div. Ref.	Jan. 1, 1924	Jan. 1, 1942-1959	6		$ 466,000	466,000			$ 379,000	87,000			379,000			
	2 2d Div.	Jan. 1, 1924	Jan. 1, 1959-1961	6	115,000		115,000		115,000					115,000			
	3	June 1, 1924	Jan. 1, 1945-1961	6	17,000		17,000		17,000					17,000			
Woodbridge							325,000	None					15,000	310,000	None	None	None
	1	Mar. 1, 1928	Jan. 1, 1930-1954	5½	325,000		325,000		325,000				15,000	310,000			
TOTALS					$151,989,047	$13,135,511	$165,124,558	$1,536,726	$106,699,221	$4,642,511	$52,246,100	$4,641,011	$11,617,731	$95,082,990	$ 837,350	$3,163,631	$1,476,307
Buena Vista Water Storage							$ 942,731	None			None		None	$ 942,731	None	None	$ 68,374
	1	July 1, 1929	July 1, 1935-1968	6	$ 942,731		$ 942,731		$ 942,731					$ 942,731			

1. Summary contains data on Baxter Creek, Crooks Canyon, Maxwell, Mojave River, Owens Valley, Red Rock Creek and Tule irrigation districts which are considered as inactive or partially active.
2. Does not include interest on bonds after date of maturity.
3. Interest payments due from July 1, 1927, to January 1, 1932, inclusive, deferred by agreement made with bond holders.
4. Special arrangements in effect between district and bond holders regarding interest charges.
5. By agreement, bonds of Williams irrigation district, now consolidated with Glenn-Colusa irrigation district, are an obligation against lands in Williams irrigation district only.
6. East Contra Costa irrigation district formed in 1926 by consolidation of Brentwood, Knightsen and Lone Tree irrigation districts.
7. Organized as an irrigation district, but name changed to Montague Water Conservation district, September, 1926.
8. Includes Levee district, Drainage district and Mutual Water Company bonds which were assumed by Palo Verde irrigation district by special act of legislature in 1925.
9. Palo Verde issued and sold $213,000 of refunding bonds, to retire as due for a period of three years, the following obligations: Mutual Water Company bonds, first issue Levee district bonds, second issue Levee district bonds.

TABLE V

BOND OBLIGATIONS PER ACRE OF CALIFORNIA IRRIGATION DISTRICTS

January 1, 1932

District	Year Formed	Estimated Area		Bonds Outstanding	Bonds Outstanding Per Acre	
		Gross Acres	Irrigable Acres	Total	Gross Area	Irrigable Area
Alpaugh	1915	8,183	8,132	$ 218,350	$ 26.85	$ 26.85
Alta	1888	129,300	112,600	195,000	1.51	1.73
Anderson-Cottonwood	1914	32,000	28,064	1,141,000	35.66	40.66
Banta-Carbona	1921	15,653	15,194	1,137,060	72.64	74.84
Baxter Creek	1917	9,336	8,636	511,000	54.55	59.17
Beaumont	1919	4,141	3,161	241,300	58.27	76.34
Big Springs	1927	3,615	2,550	61,000	16.87	23.92
Butte Valley	1920	28,686	17,500	594,000	20.71	33.94
Byron-Bethany	1919	17,200	12,544	584,000	33.95	46.56
Camp Far West	1924	4,089	2,658	179,000	43.78	67.34
Carmichael	1916	3,138	3,038	92,100	29.35	30.32
Carpenter	1927	1,328	1,320	200,000	150.60	151.52
Citrus Heights	1920	3,162	3,070	173,000	54.78	56.42
Compton-Delevan	1920	3,158	3,066	384,000	30.35	33.39
Consolidated	1921	149,047	145,757	119,000	.80	.82
Corcoran	1919	51,606	51,000	740,000	14.34	14.51
Cordua	1919	5,461	5,421	258,000	47.24	47.59
Deer Creek	1926	1,900	1,663	17,500	9.21	10.52
East Contra Costa	1926	20,200	19,760	1,210,000	59.90	61.23
El Camino	1921	7,549	7,549	423,000	56.03	56.03
El Dorado	1925	30,000	19,905	688,000	22.93	34.56
El Nido	1929	9,350	7,405	90,000	9.65	12.15
Fair Oaks	1917	3,900	3,400	108,000	27.69	31.76
Glenn-Colusa	1920	122,032	119,021	1,374,800	11.26	11.55
Grenada	1921	2,148	1,800	136,000	63.31	68.00
Hot Spring Valley	1919	9,497	9,000	102,000	10.74	11.32
Imperial	1911	612,200	522,200	14,550,000	23.77	27.86
Jacinto	1917	11,618	11,560	157,000	13.51	13.58
James	1920	26,266	18,266	995,000	37.88	54.47
La Canada	1924	1,294	1,239	328,000	253.48	264.73
Laguna	1920	34,858	30,000	26,500	.76	.88
Lakeside	1924	320	288	35,000	109.38	121.53
La Mesa, Lemon Grove & Spring Valley	1913	19,245	13,550	2,056,000	106.83	151.73
Lindsay-Strathmore	1915	15,246	14,540	1,514,000	99.30	104.13
Littlerock Creek	1892	3,073	2,877	360,000	117.50	125.13
Merced	1919	190,025	171,709	16,250,000	85.52	94.64
Modesto	1887	81,203	78,778	4,066,955	50.08	51.63
Montague	1925	26,117	18,531	1,395,000	53.41	75.28
Naglee-Burk	1920	2,871	2,846	186,000	64.79	65.35
Nevada	1921	266,000	164,000	8,058,000	30.29	49.13
Newport Heights	1918	1,503	1,503	160,000	106.45	106.45
Newport Mesa	1918	694	400	50,000	72.05	125.00
Oakdale	1909	74,240	66,800	3,365,000	45.33	50.37
Oroville-Wyandotte	1919	24,100	22,300	1,095,000	45.44	49.10
Palmdale	1918	4,756	4,698	445,000	93.57	94.72

TABLE V (Continued)

BOND OBLIGATIONS PER ACRE OF CALIFORNIA IRRIGATION DISTRICTS

January 1, 1932

District	Year Formed	Estimated Area		Bonds Outstanding Total	Bonds Outstanding Per Acre	
		Gross Acres	Irrigable Acres		Gross Area	Irrigable Area
Palo Verde	1923	88,693	70,000	$ 4,200,330	$ 47.36	$ 60.00
Paradise	1916	11,260	9,836	479,000	42.54	48.70
Potter Valley	1924	5,042	4,198	97,000	19.24	23.12
Princeton-Codora-Glenn	1916	13,656	12,290	175,000	12.81	14.24
Provident	1918	22,805	21,000	998,000	43.76	47.52
Ramona	1925	660	594	91,000	137.88	153.20
Richvale	1930	17,170	14,600	515,000	29.99	35.27
Riverdale	1920	15,830	14,800	34,000	2.15	2.30
San Dieguito	1922	3,900	3,700	373,000	95.64	100.81
Santa Fe	1923	10,106	6,980	700,000	69.27	100.29
San Ysidro	1911	530	490	25,000	47.17	51.02
Scott Valley	1917	5,125	4,000	69,000	13.46	17.25
Serrano	1927	1,499	1,319	200,000	133.42	151.63
South Montebello	1922	827	827	81,500	98.55	98.55
South San Joaquin	1909	71,112	66,465	5,836,250	82.07	87.81
Stinson	1921	11,150	11,000	360,000	32.29	32.73
Table Mountain	1922	1,955	1,780	187,000	95.65	105.06
Terra Bella	1915	12,285	12,070	875,000	71.23	72.49
Thermalito	1922	3,110	2,940	320,000	102.89	108.84
Tracy-Clover	1922	1,084	1,034	52,170	48.15	49.49
Tranquillity	1918	10,750	10,190	250,000	23.26	24.53
Tule	1920	15,015	9,795	806,000	53.68	82.29
Turlock	1887	181,556	179,278	6,732,200	37.08	37.55
Vandalia	1923	1,276	1,253	179,550	139.71	143.30
Vista	1923	18,206	14,654	1,700,000	93.38	116.01
Waterford	1913	14,110	11,424	636,925	55.14	55.75
West Side	1915	11,828	11,811	518,500	43.84	43.90
West Stanislaus	1920	22,137	22,000	1,175,000	53.08	53.41
Williams	1920	9,009	8,000	565,000	62.72	70.63
Woodbridge	1924	14,164	13,566	310,000	21.89	22.85
Totals and Averages		2,667,088	2,301,190	94,611,490	35.47	41.11
Buena Vista Water Storage District	1928	78,596	50,400	942,731	11.99	18.70
Totals and Averages		2,745,684	2,351,590	95,554,221	34.80	40.63

NOTE: Owens Valley Irrigation District has $471,500 bonds outstanding, which are not included in above table as these obligations are assumed by the City of Los Angeles.